

**UNITED STATES DISTRICT COURT
DISTRICT OF MINNESOTA**

IN RE: NATIONAL HOCKEY LEAGUE
PLAYERS' CONCUSSION INJURY
LITIGATION

)
)
) MDL No. 14-2551
)
)
)

AFFIDAVIT OF ROBERT A. STERN, Ph.D.

Robert A. Stern, Ph.D., being duly sworn, deposes and states that:

1. I am a Professor of Neurology, Neurosurgery, and Anatomy & Neurobiology at Boston University School of Medicine and have been a member of the faculty since 2004. I am the Clinical Core Director of the National Institutes of Health-funded Alzheimer's Disease Center (ADC) at Boston University (BU). I oversee the majority of clinical research activities related to AD at BUSM, and serve as the site principal investigator for several industry-sponsored and federally-funded national and international, multi-site clinical trials for the treatment, prevention and diagnosis of AD. I also oversee a longitudinal research registry of several hundred older participants (including cognitively normal and patients with mild cognitive impairment or Alzheimer's disease dementia) who are examined on an annual basis. My curriculum vitae is appended as Exhibit A.

CTE-Related Research

2. Between 2008 and 2013, I was the primary clinician involved in research examining the neuropathology of Chronic Traumatic Encephalopathy (CTE) at BU. During

this time, I conducted approximately 100 in-depth retrospective clinical semi-structured interviews with the next-of-kin of deceased brain donors to the VA-BU-SLI (now, VA-BU-CLF) brain bank and reviewed all available donor medical records. In all cases, when conducting the interviews and reviewing the medical records, I was “blind” to (i.e., not aware of and unable to discover) any neuropathological findings and diagnoses.

3. Information queried during the interviews included: demographics; cause of death; athletic, military, medical, neuropsychiatric and social/occupational histories, including specific questions regarding dementia, depression, changes in cognition, behavior, mood, and motor functioning; and an accounting of the donor’s daily activities. Responses were both quantitatively and qualitatively summarized into an overall assessment of the subject’s presentation, course of symptoms and functioning. The number of individuals interviewed for each donor ranged from 1 to 7, with each interview lasting approximately 60-90 minutes. Each interview was conducted approximately 4 months following the donor’s death. Procedures followed for these interviews are described in detail in corresponding publications reporting the results of the studies conducted.

4. During each interview, I recorded interview responses on research forms that included the name of the donor and date of the interview on every page, as well as the name of the interviewee(s) and, in some cases, the names and contact information for additional potential interviewees. Throughout the forms, extensive personally identifiable information was included, including sport played and years with specific teams. At the beginning of each interview, I emphasized that the information provided would be held strictly confidential. Our assurances of confidentiality (a common concern many interviewees expressed)

encouraged participants to provide an accurate and uncensored accounting of the interviewee's knowledge of the donor.

5. I am a co-investigator on Dr. Ann McKee's NIH-funded UNITE study. As a member of this team, I make an independent clinical diagnosis using published diagnostic criteria following a presentation of each donor's clinical case. In all cases, I, along with each of my colleagues on the adjudication team, am blind to any corresponding neuropathological finding and to any individual diagnosis rendered by another member of the adjudication team. After each member of the team has made a written diagnosis, the diagnoses are discussed and a consensus diagnosis is determined. This consensus diagnosis is also recorded before any member of our team is told (or shown slides) of the neuropathological findings.

6. The majority of my CTE-related research, however, involves the study of living research participants, each of whom have consented to participation under the promise of complete confidentiality. My CTE research includes, but has not been limited to, the following significant studies, which I describe in detail to provide the Court with a sense of the breadth of studies conducted, the collaborations with third party institutions involved (which will all be impacted if the NHL Subpoena is enforced), the volume of data generated, the extent of identifiable information included in each record and the documented, transparent, scientifically sound and widely accepted protocols followed as part of each:

- a. I am the principal investigator of a telephone and web-based longitudinal study entitled, "Longitudinal Evaluation to Gather Evidence of Neurodegenerative Disease (LEGEND)", which began in 2010. This study currently includes over 700 adult former and current athletes across all sports and levels of play. LEGEND assesses potential head impact

exposure, genetic, and other risk factors for later life cognitive, mood, and behavioral impairments, as well as the course of these changes. The majority of LEGEND participants have also agreed to brain donation upon death, so that the relationship between their LEGEND-related findings and postmortem neuropathological diagnosis can be assessed. Results from LEGEND have been published.

- b. I was the principal investigator on a NIH-funded R01 grant between 2011 and 2015 aimed at developing biomarkers for the *in vivo* (i.e., during life) detection and diagnosis of CTE entitled, “Diagnosis and Evaluation of Traumatic Encephalopathy using Clinical Tests (DETECT).” DETECT examined approximately 100 former professional football players and approximately 30 same age male controls. Research participants underwent extensive neuroimaging, lumbar punctures, electrophysiological studies, blood tests and in-depth neurological, neuropsychological and psychiatric evaluations. Contributing investigators on DETECT included specialists in neurology, psychiatry, neuroimaging, radiology, genetics, biochemistry/pharmacology, biostatistics and data management. DETECT has resulted in multiple publications.
- c. I was the principal investigator of a study funded by Avid Radiopharmaceuticals to examine the PET ligand, T807 (also known as AV1451), and another PET ligand for the amyloid protein found in AD in the last 30 participants of the DETECT study (20 former football players

and 10 controls). A related study was conducted by my collaborators at the Mayo Clinic Arizona and Banner Alzheimer's Institute, and we are currently preparing a combined paper for publication reporting on our collective results.

- d. I received a \$16 million U01 grant in December 2015 from the National Institute of Neurological Diseases and Stroke (NINDS) of NIH as the lead principal investigator for a 7 year, longitudinal, multicenter study entitled, "Diagnostics, Imaging and Genetics Network for the Objective Study and Evaluation of CTE (DIAGNOSE CTE)" Research Project. My co-principal investigators are affiliated with the Cleveland Clinic, the Banner Alzheimer's Institute and Harvard Medical School. The project includes over 50 investigators across the country and 10 different research institutions. The study sample will include 240 former NFL players, former college players and controls. The participants are examined at 4 different host sites across the country with a battery of diagnostic tests, interviews and related evaluations, including extensive structural, functioning, and molecular neuroimaging, as well as lumbar punctures and blood draws for fluid biomarker development and genetics. Each participant also has a study partner (close friend, spouse, etc.) who completes several questionnaires about their perceptions of the participant's functioning.

Confidentiality Obligations

7. As noted, consistent with the requirements of our human research subject protection program, each research participant in any CTE-related clinical study is promised confidentiality as part of Institutional Review Board (IRB) informed consent requirements. In addition, the NIH has required that several of my studies seek the additional protections provided by a Certificate of Confidentiality from NIH, which prohibits the distribution of identifiable participant data in response to a subpoena. I have applied for and obtained Certificates of Confidentiality covering the LEGEND, DIAGNOSE CTE and DETECT studies.

8. I believe strongly that the steps that I, and my colleagues, have taken to protect participant confidentiality have been essential to our ability to recruit participants into our studies and to acquire reliable information and data from these individuals. Trust between a researcher and his/her study subject is critical to the clinical research process, especially in studies, like those I conduct, that explore highly sensitive topics. The information we gather as part of tests and interviews involve the most precious of human conditions—a potential deterioration of one’s own cognitive functioning. The information relayed as part of these discussions and evaluations can be painful and quite personal.

The NHL Position

9. I have reviewed the NHL Subpoena to the Boston University CTE Center. The subpoena’s astonishing scope and breadth of coverage will, if enforced, impose an incredible burden and disrupt the CTE Center’s operations. This request will harm ALL ongoing CTE-related research, both at BU and at institutions that collaborate with BU and/or rely on BU findings as part of follow-on work. I am quite concerned with the impact of

compliance, including on current research participants who have put their faith in the Center to be sensitive to their medical conditions and privacy.

10. We cannot share this burden with a “NHL-hired third party.” It is both prohibited by our current regulatory and IRB obligations and impractical. No principal investigator (PI) who takes his/her responsibilities seriously could consent to data leaving the laboratory without a review of the materials to ensure that the deidentification process meets the PI’s legal, compliance and personal responsibilities to maintain individual confidentiality.

11. I have been asked to comment on several of the NHL’s explanations of why they claim the information they seek is necessary. I have read pages 10-12 of the NHL’s “Memorandum of Law in Support of its Motion to Compel Production of Documents from the Boston University CTE Center” (“NHL Memorandum”). I have also read an affidavit prepared by Dr. Rudy Castellani that accompanies the NHL Memorandum. In arguing that the Court should compel production, the NHL Memorandum, and Dr. Castellani, appear to make several mistaken assumptions, some explicit, some implicit. They include:

- a. That the primary data, communications and information requested by the NHL Subpoena can be simply “deidentified” and shared with the NHL for an independent scientific analysis.
- b. That notwithstanding all documented accounts to the contrary, the CTE Center has failed to accurately report its research results and methodologies in published papers and at national meetings, or to provide peer access to data underlying the results, or to widely collaborate with scientists around the globe, all in an effort to protect some kind of

predetermined idea it has about the scientific basis of CTE instead on relying on actual data uncovered as part of established scientific practice.

- c. That the numerous published CTE-related studies conducted by multiple teams of different faculty members affiliated with the CTE Center, and their collaborators, are flawed as a result of some kind of bias, sloppiness and/or misconduct (despite no evidence or credible claim that any of the foregoing has occurred), and therefore, the NHL should be provided with access to all of the primary research materials associated with these numerous studies to allow its hired experts to “independently” reanalyze the results.
- d. That because the NHL has questions about the relationship between concussions and sub-concussive hits to the head and CTE, its attorneys and its hired experts should be allowed access to the thought processes, intellectual property and private communications of the CTE Center’s scientific experts, who are not participating in this litigation, to selectively utilize such confidential correspondence, writings and comments as support for a position that the individual experts, if asked directly, may not support as witnesses in this litigation.

Anonymization is Onerous, Time-Consuming and Eliminates Relevant Clinical Information

13. Anonymization of interview forms, medical records and primary data for the brain donors in the Brain Bank research is nearly impossible. Every page of the interview forms and medical records includes personally identifiable information. Even if names are

redacted, there are details about the participants' athletic careers (years, positions, teams), educational histories (schools, years) and personal lives (ages, dates of birth, marital history, children) that could easily lead to identification of the decedents. The amount of time it would take to review each form and redact this identifiable information is impossible to measure, given the number of interviews conducted across all of the CTE-related studies by faculty over the years. Moreover, once conducted, the resulting anonymized forms will have little clinical information of relevance for subsequent third party studies. I have a hard time understanding what value the NHL could get from such highly redacted documents. Finally, as previously mentioned, these tasks could not, by law, policy or sound scientific practice, be conducted by a hired third party.

The CTE Center Collaborates Frequently with Scientific Peers

14. I, and my colleagues in the CTE Center, collaborate widely with peers across the country in the conduct of our research. Numerous CTE-related publications are authored by researchers across multiple institutions. The Center's success in garnering sponsor support is tied to an open and transparent approach to its findings and methodologies. Our collective aim is to publish high quality, fully vetted results that meet and exceed all generally accepted scientific standards for research of this kind.

15. The VA-BU-CLF brain bank frequently distributes deidentified tissue samples to investigators who request materials to conduct independent research. An investigator requesting tissue must complete a brain tissue request, which is publicly available through the BU ADC website. On this form, the requesting investigator outlines the type, quantity, and diagnosis of tissue requested, how the tissue is to be used and the goal of the study. A tissue

distribution committee then determines tissue prioritization. If there is insufficient material for all requests, priority is given to 1) investigators with BU or VA pilot projects and high-risk/ high-yield projects, and 2) investigators with active NIH or VA Merit grants focused on CTE and related neurodegenerative diseases. All conflicts in prioritization related to scarcity of tissue samples are resolved by the tissue distribution committee. Following this, the BU ADC Executive Committee reviews the final request for approval. All recipient investigators must agree to the following: (i) the brain bank will not release any identifiers to the investigator; (ii) the investigator will not attempt to recreate identifiers, identify subjects, or contact subjects; and (iii) the investigator will use the data and/or human biological specimens only for specified research purposes; and (iv) the investigator will comply with any additional conditions determined by the brain bank or Boston University to be necessary for the protection of the subjects.

16. Our Center participates in large data-sharing repositories as a means of accelerating scientific discover and fostering replication of findings. For example, as an NIH-funded ADC, de-identified data collected on Clinical Core Registry participants are entered into the extensive NACC database, and data can be requested from that database by qualified investigators for analysis. De-identified data from Dr. McKee's UNITE project and my DIAGNOSE CTE Research Project are also submitted into the Federal Interagency Traumatic Brain Injury Research (FITBIR) informatics system. Sharing data with other investigators through multiple data sharing portals is actually one of the specific aims of the DIAGNOSE CTE grant.

BU Research Studies Follow the Highest Scientific Standards

17. The CTE Center follows stringent scientific standards in the conduct of all of its research activities. The research published by our faculty have been conducted at the highest level of science. Our Center holds an international reputation as a premier research facility. Our faculty publish frequently in high impact journals and the original research reported in such journals have been widely cited by peer experts. We have never received any allegation of, or at any time uncovered any evidence of, misconduct related to any of the numerous CTE-related publications that have been produced by the Center.

The Subpoena Ignores Standard Scientific Protocol for Evaluating Research Results

18. I am struck by the NHL's assumption that its involvement in a lawsuit involving a recognized neurodegenerative disease permits it to force researchers to give them all primary data, results, materials, notes, comments and drafts related to ANY research relevant in some way to that disease. The scientific method is straightforward. A researcher comes up with a hypothesis based on familiarity with the current research, conducts an experiment to accept or reject the null hypothesis, and then, if the null hypothesis is rejected (meaning the hypothesis was confirmed and the experiment worked), the results of the study are peer reviewed and, if acceptable, published with adequate detail about the procedures for others to attempt to replicate. Once published, another group may try to replicate the study, and the cycle of the scientific process moves forward. The scientific method, in theory and in practice, does not include a step wherein all raw data, records, formal and informal communications and other information is provided to a group that does not agree with the findings or its interpretation. This is simply not done, and if it were, it would impede science

to such a degree that new discoveries would cease and the conduct of any science would become cost prohibitive.

19. I am also struck that the NHL assumes that it must be allowed to utilize these materials, which collectively represent millions of dollars in investment, countless hours of professional time and valuable intellectual property, to conduct its own secondary analyses in an effort to reach results that might serve its aims in a lawsuit. Examining variations between boxing, football and other sports and hockey would be a new study and one inappropriate for the data being compelled. Our research is not designed to examine prevalence rates of CTE. We do not conduct epidemiological studies. The relatively small number of brain donors, compared to the actual population of athletes, living or deceased, does not allow for any estimate of CTE prevalence in that population. Regardless, any new research study requires a sound scientific protocol, appropriately powered samplings, controls, safeguards for bias and all of the other generally accepted practices, including required compliance approvals, that researchers worldwide understand to be an essential component of scientific investigation. I implore the Court to consider the impact and ramifications on science if it allows the NHL to shortcut the normal processes followed by investigators that wish to collaborate with our scientists or obtain access to our tissue samples and clinical data.

Conclusion

20. Quality clinical science relies on diligent effort, carefully crafted protocols, collaboration and recognition of the sacrifice of human participants, who put their fragile trust in us to advance the collective goal of discovery. The CTE Center conducts high quality scientific research with integrity, and with the safety and trust of our research participants

paramount. Without overstating, I believe that complying with the NHL Subpoena presents an unimaginable disruption of all that I, and my colleagues, have built at the Center. I make a strong plea to this Court to deny the NHL's motion and prevent the immediate impact to our operations and research and the less immediate, but more troubling, future uncertainty such intrusive requests will have on any field of science that has become relevant to a litigation.

Further affiant sayeth not.

Subscribed and sworn under the penalties of perjury.

A handwritten signature in black ink, appearing to be 'RAS', written above a horizontal line.

Robert A. Stern, Ph.D.

Date: February 2, 2017

Curriculum Vitae
Robert A. Stern, PhD
Alzheimer's Disease and CTE Center
Boston University School of Medicine
72 East Concord St., B7380
Boston, MA 02118-2526
Telephone: (617) 638-5678
Fax: (617) 638-5679
Email: bobstern@bu.edu
Web Site: <http://www.sternneurolab.org/>
October 2015

ACADEMIC TRAINING:

1980 B.A. Wesleyan University, Middletown, CT
1984 M.A. University of Rhode Island, Kingston, RI, Psychology
1988 Ph.D. University of Rhode Island, Kingston, RI, Clinical Psychology (Clinical Neuropsychology Specialization);
1986-1987 Pre-Doctoral Internship in Clinical Neuropsychology; Mentor Edith Kaplan, Ph.D.; Department of Veterans Affairs Medical Center, Boston, MA

POSTDOCTORAL TRAINING:

1988-1990 Fellow in Neuropsychology and Psychoneuroendocrinology; Mentor Arthur J. Prange, Jr., MD; University of North Carolina School of Medicine, Chapel Hill, NC

ACADEMIC APPOINTMENTS:

1988-1990 Clinical Instructor of Psychiatry, University of North Carolina School of Medicine
1990-1993 Assistant Professor of Psychiatry, University of North Carolina School of Medicine
1991-1993 Clinical Assistant Professor of Speech and Hearing Sciences, University of North Carolina School of Medicine
1991 - 1993 Research Scientist, Brain and Development Research Center University of North Carolina School of Medicine
1993-1996 Assistant Professor of Psychiatry and Human Behavior, Brown Medical School
1993-1996 Assistant Professor of Clinical Neurosciences (Neurology), Brown Medical School
1994-2004 Adjunct Assistant Professor, Behavioral Neuroscience Program, Division of Graduate Medical Sciences, Boston University School of Medicine
1996-2003 Associate Professor of Psychiatry and Human Behavior, Brown Medical School
1996-2003 Associate Professor of Clinical Neurosciences (Neurology), Brown Medical School
1997-2004 Graduate Faculty Member, University of Rhode Island
2002-2003 Faculty Member, Brain Science Program, Brown University
2005-Present Faculty Member, Behavioral Neuroscience Program, Division of Graduate Medical Sciences, Boston University School of Medicine
2005-2011 Associate Professor of Neurology, Boston University School of Medicine
2011-Present Professor of Neurology and Neurosurgery, Boston University School of Medicine
2014-Present Professor of Neurology, Neurosurgery, and Anatomy & Neurobiology, Boston University School of Medicine

HOSPITAL APPOINTMENTS:

| | |
|--------------|--|
| 1986-1988 | Assistant in Neuropsychology, McLean Hospital, Belmont, MA |
| 1990-1993 | Clinical Neuropsychologist; Director, Adult Neuropsychology Laboratory; UNC Hospitals, Chapel Hill, NC |
| 1993-2003 | Clinical Neuropsychologist, Women's and Infants Hospital, Providence, RI |
| 1993-2003 | Clinical Neuropsychologist, Rhode Island Hospital, Providence, RI |
| 1994-1995 | Supervising Neuropsychologist, Slater Hospital, Cranston, RI |
| 1994-2003 | Director, Memory and Cognitive Assessment Program, Rhode Island Hospital, Providence, RI |
| 1997-2003 | Director, Neuropsychology Program; Rhode Island Hospital, Providence, RI |
| 2004-Present | Clinical Neuropsychologist, Boston Medical Center (Boston University Neurology Associates), Boston, MA |
| 2014-Present | Core Faculty Member, Boston Medical Center Injury Prevention Center |

HONORS:

| | |
|------|---|
| 1980 | Honors in Psychology, Wesleyan University, Middletown, CT |
| 1980 | Heidman Prize (for Community Service), Wesleyan University, Middletown, CT |
| 1984 | Psi Chi National Honor Society in Psychology |
| 1988 | Phi Kappa Phi National Honor Society |
| 1997 | Master of Arts <i>ad eundem</i> , Brown University, Providence, RI |
| 1997 | Independent Investigator Award, National Alliance for Research on Schizophrenia & Depression (NARSAD) |
| 1999 | Outstanding Teaching Award in Psychology, Brown University School of Medicine, Providence, RI |
| 2001 | Fellow, American Neuropsychiatric Association |
| 2001 | Fellow, National Academy of Neuropsychology |
| 2008 | National Research Award, Alzheimer's Association MA/NH Chapter |

LICENSES AND CERTIFICATION:

| | |
|--------------|---|
| 1990-1994 | Licensed Psychologist, North Carolina License # 1560 |
| 1993-2008 | Licensed Psychologist, Rhode Island # 491 |
| 1992-Present | Registrant, National Register of Health Service Providers in Psychology |
| 1997-Present | Licensed Psychologist HSP, Massachusetts # 7238 |

DEPARTMENTAL AND UNIVERSITY COMMITTEES:

| | |
|--------------|--|
| 1994-1995 | Leadership Committee, Department of Psychiatry, Rhode Island Hospital |
| 1994-1996 | Committee for the Protection of the Rights of Human Subjects (IRB), Rhode Island Hospital |
| 1994-1997 | Research Committee, Department of Psychiatry and Human Behavior, Brown Medical School, RI |
| 1995-1996 | IRB Executive Committee Member, Rhode Island Hospital |
| 1995-2003 | Brown University Geriatric Neuropsychiatry Research and Treatment Program, Brown Medical School, RI |
| 1998-2000 | Continuing Medical Education Subcommittee, Department of Psychiatry, Rhode Island Hospital |
| 1999-2002 | Library Committee, Lifespan (Rhode Island Hospital and Miriam Hospital) |
| 2001-2002 | Training Committee, Brown University Clinical Psychology Training Consortium, Brown Medical School, RI |
| 2004-Present | Executive Committee, Alzheimer's Disease Center, Boston University School of Medicine |

| | |
|--------------|---|
| 2006-2012 | Executive Committee, Alzheimer's Disease Advisory (Philanthropic) Board, Boston University School of Medicine |
| 2012-present | Faculty Appointment and Promotions Committee, Boston University School of Medicine |
| 2014-2015 | Psychiatry Chair Search Committee |

TEACHING EXPERIENCE AND RESPONSIBILITIES:

| | |
|--------------|---|
| 1990-1993 | Member, Clinical Psychology Training Program, UNC School of Medicine |
| 1990-1993 | Regular Lecturer for Internship Seminar Series, UNC School of Medicine |
| 1990-1993 | Mentor and Supervisor, Neuropsychology Clinical Post-doctoral Fellows and Pre-doctoral Interns, Dept. of Psychiatry, UNC School of Medicine |
| 1990-1993 | Mentor for Psychiatry Research Fellows, Research Fellowship Training Program, UNC School of Medicine |
| 1990-1993 | Member, Training Faculty Institutional National Research Service Award Fellowship Training Program; Brain and Development Research Center, UNC School of Medicine |
| 1990-1993 | Co-director, Neuropsychiatry Seminar Series, UNC School of Medicine |
| 1990-1993 | Regular lecturer, Consult/Liaison Seminar Series, UNC Psychiatry Residency Training Program, UNC School of Medicine |
| 1990-1993 | Co-director, "Brain-Behavior Relationships", 3 rd year medical school course; UNC School of Medicine |
| 1990-1993 | Regular Lecturer, 1st year Neurobiology Course, UNC School of Medicine |
| 1990-1993 | Regular Lecturer, "Adult Language Disorders" Course, Division of Speech and Hearing Sciences; UNC School of Medicine |
| 1990-1993 | Regular Lecturer, Graduate Neuropsychology Course, UNC |
| 1990-1993 | Regular Lecturer, Undergraduate Neuropsychology Seminar, UNC |
| 1993 | Non-faculty member of Ph.D. Dissertation Committees; Suffolk University, North Carolina State University, University of Alabama, University of New South Wales, Australia |
| 1993-2003 | Member, Neuropsychology Training Faculty; mentored clinical and research neuropsychology fellows and interns; Brown University |
| 1993-2003 | Supervised research placements for neuropsychology pre-doctoral interns; Brown University |
| 1993-2003 | Regular lecturer for Neuropsychology Seminar Series, Brown Medical School |
| 1993-2003 | Regular lecturer for Neuropsychology Rounds, Brown Medical School |
| 1993-2003 | Training Faculty, Neuropsychiatry/Behavioral Neurology Fellowship, Depts. Of Psychiatry & Human Behavior and, Department of Clinical Neurosciences, Brown Medical School |
| 1993-2003 | Regular lectures for Post-doctoral Fellow Lecture Series; Clinical Psychology Training Consortium, Brown Medical School |
| 1993-2003 | Lecturer for Psychiatry Residency Training Program for PGY 1, 2, 3 and 4 Lecture Series, Brown Medical School |
| 1993-2003 | Lecturer for First Year Medical Students Medical Interviewing Seminar, Brown Medical School |
| 1993-2003 | Mentor for Undergraduate Independent Study Courses, Departments of Neuroscience, Psychology, and others, Brown University |
| 1993-2004 | Supervised Practicum Training Site for Clinical Psychology Graduate Students, Undergraduate Psychology Internship Placement; URI |
| 1994-Present | Annual lecturer for "Basic Neurosciences" Course, Behavioral Neurosciences Program, BUSM |
| 1999-2007 | Clinical Practicum Supervisor; Suffolk University Clinical Psychology Program |

| | |
|--------------|--|
| 2001–2002 | Coordinator, Internship Training Program Neuropsychology Track, Brown University Clinical Psychology Training Consortium |
| 2001-2002 | Training Committee Member; Brown University Clinical Psychology Training Consortium |
| 2003 | Core Faculty Member, Brown University T32 Dementia Research Training Program |
| 2004-Present | Annual lecturer for “Human Neuropsychology Seminar,” Behavioral Neurosciences Program, BUSM |
| 2004-Present | Lecturer for Neurology Residency Training Program Lecture Series |
| 2005-2007 | Advisor (for 40 graduate students), BUSM Graduate Medical Sciences Masters Program |
| 2005-Present | Director, Post-Doctoral Neuropsychology Training Program, Alzheimer’s Disease Center, BUSM |
| 2005-Present | Director and Lecturer for Neuropsychology and Dementia Seminar Series, Geriatric Medicine, Dentistry & Psychiatry Fellowship Program |
| 2005-Present | Consulting Neuropsychologist and Research Mentor, APA Accredited Internship and Fellowship Clinical Neuropsychology Training Program; Bedford (MA) Veterans Affairs Medical Center |
| 2006-2008 | Course Co-Director, “Neuropsychological Assessment” Course, Behavioral Neurosciences Program, BUSM |
| 2007-2008 | Lecturer for “Biology of Disease” (Neurology) Course, BUSM Preclinical Medical School Course |
| 2010-2013 | CME Annual Course Co-Director, Brain Trauma and the Athlete, BUSM |
| 2011-Present | Core Faculty Member, Alzheimer’s Disease Translational Research Training Program (National Institute on Aging T32), BUSM |
| 2012 | CME Course Co-Director, Chronic Traumatic Encephalopathy, co-sponsored by BUSM and the Cleveland Clinic Lou Ruvo Center for Brain Health; Las Vegas, September 30-October 1, 2012 |
| 2015-Present | Lecturer for “Molecules to Molecular Therapeutics” Course, Division of Graduate Medical Sciences, BUSM |
| 2015-Present | Thesis Mentor, Physician Assistant Program, BUSM |

MAJOR MENTORING ACTIVITIES:

Undergraduate Honors Theses Supervised

- 1991 Wendy Cox, “Effects of Physostigmine on Mood and Sustained Attention,” Psychology Department, University of North Carolina
- 1992 Boykin Robinson, “Self-Report of Emotional and Cognitive Complaints in Individuals with Graves’ Disease: A Survey Study,” Psychology Department, University of North Carolina
- 1996 Mara Lowenstein, “Neuropsychological Functioning in Alzheimer’s Disease and Vascular Dementia: A Qualitative Assessment of the Rey-Osterrieth Complex Figure,” Psychology Department, Brown University
- 1997 Yamini Subramanian, “The Thyroid Axis and Seizure Threshold: Examining a Mechanism of Thyroid Hormone Augmentation of ECT,” Neuroscience Department, Brown University
- 2002 Anna Podolanczuk, “Thyroid Hormone Levels in Post-Mortem Alzheimer’s and Control Brains,” Neuroscience Department, Brown University

Master’s Theses Supervised

- 1998 Jennifer Latham, “The Visual Analog Mood Scales for Adolescents : A Preliminary Examination of Reliability and Validity,” Psychology Department, University of Rhode Island
- 2000 Jessica Somerville, “A Comparison of Administration Procedures for the Rey-Osterrieth Complex Figure: Flow-Charts Vs. Pen-Switching,” Psychology Department, University of Rhode Island

- 2000 Susan L. Legendre, "The Influence of Cognitive Reserve on Memory After Electroconvulsive Therapy," Psychology Department, University of Rhode Island
- 2005 Veronica Santini, "Thyroid-Neurobehavioral Relationships in the Elderly," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2006 Daniel Daneshvar, "Association between Smoking, APOE, and Risk for Mild Cognitive Impairment and Alzheimer's Disease," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2006 Laura Ridgely, "The Public Health Risk of Unsafe Elderly Drivers and Drivers with Dementia: Current Problems and Steps to be Taken," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2007 David Essaff, "Executive Dysfunction in Early Alzheimer's Disease (AD) and Mild Cognitive Impairment: A Potential Cognitive Marker for Preclinical AD," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2007 Meghan Lembeck, "Racial Disparities and Mild Cognitive Impairment Diagnosis: The Effects of Literacy Correction on Neuropsychological Test Scores," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2008 Jessica A. Riggs, "Current Approaches to Alzheimer's Disease Treatment: A Focus on Passive Immunotherapy," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2009 Vlada Doktor, "Clinical utility of Self and Informant's Complaint in Mild Cognitive Impairment and the Rate of Progression to Alzheimer's Disease," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2011 John Picano, "Defining Concussions: A Literary and Empirical Analysis of Sports-Related Concussion."
- 2013 Alexandra Bourlas, "The Effects of Level and Duration of Play on Cognition, Mood and Behavior among Former Football Players."

Doctoral Dissertations Supervised

- 1991 Susan L. Silva, "The Effects of Physostigmine on Cognition, Mood, and Behavior," Department of Psychology, North Carolina State University
- 1993 Mark L. Prohaska, "Thyroid, Lithium, and Cognition: The Use of Thyroid Hormone Augmentation in the Reduction of Cognitive Side Effects Associated with Lithium Maintenance," Psychology Department, University of Alabama
- 1999 Debbie J. Javorsky, "A Validation Study of the Boston Qualitative Scoring System (BQSS) for the Rey-Osterrieth Complex Figure," Psychology Department, University of Rhode Island
- 2003 Susan L. Legendre, "The Influence of Cognitive Reserve on Neuropsychological Functioning After Coronary-Artery Bypass Grafting (CABG)," Psychology Department, University of Rhode Island
- 2004 Jessica Somerville Ruffolo, "Visuoconstructional Impairment: What Are We Assessing and How Are We Assessing It?," Psychology Department, University of Rhode Island
- 2014 Stacy Anderson, "Episodic Memory and Executive Function in Familial Longevity" (Second Reader), Behavioral Neurosciences Program, Boston University School of Medicine.
- 2015 Julie Stamm, "Later-Life Structural and Functional Consequences of Youth Exposure to Repeated Head Impacts," Mentor for NIH F31 Grant 1F31NS081957; 2013-2015; Current Position: Postdoctoral Fellow, University of Wisconsin

Current MA Students

John Hayden
Lucy Liu
Alyssa Schmitt

Current Physician Assistant Program Students

Steven Forlivio

Current PhD and MD/PhD Students

Philip Montenigro (MD/PhD candidate, Dept. of Anatomy and Neurobiology)

Post-Doctoral Fellows Trained

| | |
|--------------|---|
| 1991-1993 | Susan Silva, Ph.D., now Research Associate Professor at Duke University |
| 1992-1993 | Mareah Steketee, Ph.D., now Clinical Neuropsychologist at HRC Behavioral Health & Psychiatry, North Carolina |
| 1993-1995 | Mark Prohaska, Ph.D., now Director, Neuropsychology Clinic, Alabama |
| 1994-1996 | James Arruda, Ph.D., now Professor at University of West Florida |
| 1994-1996 | Garrie Thompson, Ph.D., now Clinical Neuropsychologist, Florida |
| 1996-1998 | Geoffrey Tremont, Ph.D., now Associate Professor at Brown University |
| 1998-2000 | Holly Westervelt, Ph.D., now Assistant Professor of Clinical Neurology, Vanderbilt University School of Medicine |
| 1998-2000 | Debbie Javorsky, Ph.D., now Clinical Neuropsychologist at Generations Geriatric Mental Health, New Hampshire |
| 2000-2001 | Michael Ropacki, Ph.D., now Director of Clinical Neuroscience Research at Janssen R&D, California |
| 2000-2002 | Caitlin Macaulay, Ph.D., now Clinical Neuropsychologist at Lahey Clinic, Massachusetts |
| 2001-2004 | Jennifer Duncan Davis, Ph.D., now Associate Professor at Brown University |
| 2002-2003 | Richard Temple, Ph.D., now Vice President of Clinical Operations at Core Health Care |
| 2003-2004 | Laura Brown, Ph.D., now Clinical Instructor of Neurology at Vanderbilt University |
| 2003-2004 | Mary Beth Spitznagel, Ph.D., now Assistant Professor at Kent State University |
| 2004-2005 | Angela Jefferson, Ph.D., now Associate Professor at Vanderbilt University, and Director of the Vanderbilt Memory & Alzheimer's Center |
| 2005-2007 | Lee Ashendorf, Ph.D., now Clinical Neuropsychologist at Bedford VAMC |
| 2007-2009 | Brandon Gavett, Ph.D., now Assistant Professor at Univ. of Colorado, Colorado Springs |
| 2012-2013 | Daniel Seichepine, Ph.D., now Lecturer of Psychology at University of New Hampshire |
| 2012-2014 | Elizabeth Vassey, Ph.D., now Investigator, BU ADC, appointment as Assistant Professor of Neurology at BUSM under review; Clinical Neuropsychologist, Boston Center for Memory |
| 2013-2015 | Todd Solomon, Ph.D., now Clinical Scientist III at Bracket |
| 2015-Present | Michael Alosco, Ph.D. |

MAJOR ADMINISTRATIVE RESPONSIBILITIES:

| | |
|--------------|--|
| 1991-1993 | Director, Neurobehavioral Assessment Core, NIMH-funded Mental Health Clinical Research Center, UNC School of Medicine |
| 1992-1993 | Acting Director, Data Management/Biostatistics Core, NIMH-funded Mental Health Clinical Research Center, UNC School of Medicine |
| 1992-1993 | Associate Center Director, NIMH-funded Mental Health Clinical Research Center, UNC School of Medicine |
| 1995-1996 | Vice Chair, Committee for the Protection of the Rights of Human Subjects (IRB), Rhode Island Hospital |
| 2001-2002 | Coordinator of Neuropsychology Track, Internship Training Program, Brown Clinical Psychology Training Consortium, Brown Medical School |
| 2004-Present | Director of Neuropsychology, Alzheimer's Disease Clinical and Research Program, Boston University School of Medicine (BUSM) |
| 2004-2008 | Associate Director, Alzheimer's Disease Center (NIA-Funded) Clinical Core, BUSM |
| 2004-2006 | Associate Director, Alzheimer's Disease Clinical and Research Program, BUSM |
| 2006-2010 | Co-Director, Alzheimer's Disease Clinical and Research Program, BUMC |
| 2008-2012 | Co-Director, Center for the Study of Traumatic Encephalopathy, BUSM |
| 2009-2010 | Acting Director, Alzheimer's Disease Clinical and Research Program, BUMC |
| 2009 | Acting Director, Alzheimer's Disease Center (NIA-Funded) Clinical Core, BUSM |
| 2010-Present | Director, Alzheimer's Disease & CTE Center (NIA-Funded) Clinical Core, BUSM |
| 2011-2012 | Director, Alzheimer's Disease Clinical and Research Program, BUMC |
| 2011-2012 | Co-Chair, Global Advisory Committee, International Registry Of Alzheimer's Disease patientS (INROADS), Janssen Alzheimer Immunotherapy |
| 2011-Present | Site Director (BU) and Steering Committee Member, Alzheimer's Disease Cooperative Study (NIA-Funded) |
| 2014-Present | Director of Clinical Research, CTE Program, BU AD&CTEC, BUSM |
| 2015-Present | Investigator, Spivack Center for Clinical and Translational Neuroscience, BUSM |

OTHER PROFESSIONAL ACTIVITIES:**PROFESSIONAL SOCIETIES: MEMBERSHIPS, OFFICES, AND COMMITTEE ASSIGNMENTS**

International Neuropsychological Society (Member, 1987-Present)
 Member, Scientific Program Committee, 1997-1999
 Meeting Development Coordinator, 1999-2001

American Psychological Association Division 40, Clinical Neuropsychology (Member, 1988-Present)
 Member, Scientific Advisory Committee, 1995-1997

American Psychological Association Division 12, Clinical Psychology (Member, 1988-Present)

National Academy of Neuropsychology (Member, 1990-Present)
 Fellow, Appointed 2001

American Neuropsychiatric Association (Member, 1995-Present)
 Fellow, Appointed 2001
 Member, Scientific Program Committee, 1995-1999
 Co-Director, Annual Meetings, 1997-1999
 Member, Awards Committee, 2006-Present
 Co-Chair, Awards Committee, 2015-Present

Massachusetts Neuropsychological Society (Member, 2007-Present)

International Society to Advance Alzheimer Research and Treatment (Member, 2008-Present)

EDITORIAL BOARDS:

| | |
|--------------|---|
| 1998-Present | Associate Editor, <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> |
| 2001-2003 | Consulting Editor, <i>Assessment</i> |
| 2008-Present | Editorial Board Member, <i>Archives of Clinical Neuropsychology</i> |
| 2010-Present | Review Editor, <i>Frontiers in Neurotrauma</i> |
| 2011-Present | Review Editor, <i>Frontiers in Sports Neurology</i> |
| 2012-Present | Series Editor, Traumatic Brain Injury Series, <i>Alzheimer's Research and Therapy</i> |

JOURNAL REVIEWER

Alzheimer's and Dementia
 Alzheimer's Disease and Associated Disorders
 Archives of Neurology
 Brain and Cognition
 Cognitive and Behavioral Neurology
 Injury Epidemiology
 International Journal of Geriatric Psychiatry
 International Review of Psychiatry
 Journal of Clinical and Experimental Neuropsychology
 Journal of the International Neuropsychological Society
 Journal of the Neurological Sciences
 Journal of Nutrition, Health and Aging
 Lancet Psychiatry
 Neurology
 Neurology: Clinical Practice
 Neurology Psychiatry & Brain Research
 Neuropsychology
 Neuroscience & Biobehavioral Reviews
 PLOS ONE
 Psychoneuroendocrinology
 The Clinical Neuropsychologist

MAJOR COMMITTEE ASSIGNMENTS:**Federal Government**

- 1998 - 1999 Independent Neuropsychological Review Committee V.A. Cooperative Study #029, "Evaluation of a Computer-Assisted Neuropsychological Screening Battery", Department of Veterans Affairs
- 2012 – Present Member, Advisory Board, DoD ADNI (Effects of traumatic brain injury and post traumatic stress disorder on Alzheimer's disease in Veterans using ADNI; PI: MW Weiner)
- 2015 – Present Member, Psychopharmacologic Drugs Advisory Committee (PDAC), Food and Drug Administration (FDA).

Private/Foundation

- 1993-Present Member, Medical Advisory Board, National Graves' Disease Foundation
- 2007-Present Member, Medical Advisory Board, Sports Legacy Institute
- 2007-2015 Member, Medical Scientific Committee, Massachusetts/New Hampshire Chapter, Alzheimer's Association
- 2010-Present Member, Mackey-White Traumatic Brain Injury Committee, National Football League Players Association; Co-Chair of Subcommittee on Former Player Research
- 2014-Present Member, Medical Science Committee, National Collegiate Athletic Association Student-Athlete Concussion Litigation
- 2015-Present Advisory Group Member, Head Injury Institute, American College of Radiology
- 2015-Present Chair, Advisory Council to the Medical Scientific Committee, Massachusetts/New Hampshire Chapter, Alzheimer's Association

Study Sections*National Institutes of Health*

- 1993 Ad hoc Reviewer, Mental Health AIDS and Immunology Review Committee: Psychobiological, Biological, and Neuroscience Subcommittee
- 1995 Ad hoc Reviewer, Mental Health Small Business Research Review
- 1995-1996 Reviewers Reserve (NRR; Study Sections) Member
- 1996-1998 Mental Health Small Business Research Review Committee Member
- 1999 Ad hoc Reviewer, Small Business Research Review Committee
- 2000 Ad hoc Reviewer, Special Emphasis Panel – ZMH1-CRB-B01
- 2013 Ad hoc Reviewer, Special Emphasis Panel - ZRG1 BBBP-D02
- 2015 Ad hoc Reviewer, ZRG1 BBBP-V (55) R; PAR-14-089: Alzheimer's Disease Pilot Clinical Trials
- 2015 Ad hoc Reviewer, Special Emphasis Panel - G03/NSD-K

Other National Review Committees

- 1998-Present Initial Review Board of the Medical and Scientific Advisory Council, Alzheimer's Association
- 2013 Reviewer, US Army Medical Research and Materiel Command (USAMRMC)

International

- 2013 External Advisor, Wellcome Trust Strategic Award Committee (SAC)
- 2015 Reviewers, Netherlands Organisation for Health Research and Development (ZonMw)

CONSULTANT ACTIVITIES:

- 1991-1992 Cato Research, Ltd. (Clinical Trials Design and Implementation) Durham, NC
- 1995-2003 "HIV: Neuropsychiatric and Psychoimmune Relationships" (Dwight Evans, PI; R01 Grant), Department of Psychiatry, University of Pennsylvania

| | |
|--------------|--|
| 2004-2006 | “A Telephone Intervention for Dementia Caregivers” (Geoffrey Tremont, PI; R21 Grant), Rhode Island Hospital/Brown Medical School |
| 2004-2006 | “A Longitudinal Study of Hazardous Drivers with Dementia” (Brian Ott, PI; R01 Grant), Memorial Hospital of Rhode Island/Brown Medical School |
| 2007-2009 | Outcome Science (for Forest Laboratories), Cambridge, MA |
| 2009 | Elan Pharmaceuticals, San Francisco, CA |
| 2011 | Neuronix, Yokneam, Israel |
| 2012 | Lilly (<i>Expert Advisor</i>), Indianapolis, IN |
| 2011-2012 | Janssen Alzheimer Immunotherapy, San Francisco, CA |
| 2013-Present | Athena Diagnostics (Quest), Worcester, MA |
| 2014 | Janssen Research & Development, Titusville, NJ |
| 2014-Present | Amarantus Bioscience, Member, Advisory Board |
| 2015-Present | NCAA Concussion Litigation, Proposed Member of Medical Science Committee |
| 2015-Present | Adelphi Values; Expert Panel Member, C-Path's PRO Consortium |

PENDING OTHER SUPPORT:

| | |
|-----------|---|
| 2015-2022 | 1U01NS093334-01, mPIs: Stern (Contact) , Cummings, Reiman, Shenton; Chronic Traumatic Encephalopathy: Detection, Diagnosis, Course, and Risk Factors, Total Costs: \$16,505,736. <u>**Approved for funding by NINDS Council 5/30/15; awaiting NoGA.</u> |
| 2015-2020 | 2R01CA129769-06A1, mPIs: Stern , Mandelblatt (Contact), Ahles; Older Breast Cancer Patients: Risk for Cognitive Decline, Total Costs: \$ 3,186,605, Reviewed 6/1/15; Impact Score: 18, Percentile: 4.0. |

CURRENT OTHER SUPPORT:

| | |
|-----------|---|
| 2015-2017 | DoD AZ140150, PI: Lin (Subcontract PI: Stern), Measuring Glial Metabolism in Repetitive Brain Trauma and Alzheimer's Disease. Total Subcontract Costs: \$26,660. |
| 2014-2016 | 2R56NS078337-04, PI: Stern , Chronic Traumatic Encephalopathy: Clinical Presentation and Biomarkers (competing continuation), Total Costs: \$785,813. |
| 2014-2018 | ADCS-Toyama Chemical Partnership; Site PI: Stern , A Phase 2 multi-center, randomized, double blind, placebo-controlled, parallel group study to evaluate the efficacy and safety of T-817MA in patients with mild to moderate Alzheimer's Disease (US202), Total Costs: \$473,346. |
| 2014-2015 | Avid Radiopharmaceuticals; PI: Stern , 18F-AV-1451 and Florbetapir F 18 PET Imaging in Subjects with Repetitive Brain Trauma at High Risk for Chronic Traumatic Encephalopathy, Total Costs: \$243,263. |
| 2014-2016 | Avid Radiopharmaceuticals; Site PI: Stern , 18F-AV-1451-A05: An open label, multicenter study, evaluating the safety and imaging characteristics of 18F-AV-1451 in cognitively healthy volunteers, subjects with Mild Cognitive Impairment, and subjects with Alzheimer's disease, Total Costs: \$395,222. |
| 2014-2019 | Alzheimer's Disease Cooperative Study (ADCS), Site PI: Stern , Anti-Amyloid Treatment in Asymptomatic Alzheimer's Disease (A4 Study), Total Costs: \$464,479. |
| 2014-2019 | Eli Lilly, Site PI: Stern , Effect of Passive Immunization on the Progression of Mild Alzheimer's Disease: Solanezumab (LY2062430) Versus Placebo, Total Costs: \$395,270 |
| 2014-2016 | Amarantus Holdings, Inc., PI: Stern , Amarantus LymPro Cell Cycle Dysfunction Blood Biomarker for AD and CTE, Total Costs: 54,600 |

2013-2016 DoD W81XWH-13-2-0064; Traumatic Brain Injury Research Award; **Co-PI: Stern** (Co-PI: M. Shenton), Tau Imaging of Chronic Traumatic Encephalopathy, Total Costs: \$992,727

2013-2015 Eisai, Inc., **Site PI: Stern**, A Placebo-controlled, double-blind, parallel-group, Bayesian Adaptive Randomization Design and Dose Regimen-finding study to evaluate safety, tolerability and efficacy of BAN2401 in subjects with early Alzheimer's disease, Total Costs: \$391,342.

2013-2017 U01-NS086659; PI: McKee (**Stern, Co-Investigator**), CTE and Posttraumatic Neurodegeneration: Neuropathology and Ex Vivo Imaging, Total Costs: \$6,000,000

2011-2015 R01NS078337-01A1, **PI: Stern**, Chronic Traumatic Encephalopathy: Clinical Presentation and Biomarkers, Total Costs: \$ 2,035,330.

2011-2016 P30-AG13846, PI: N. Kowall; **Clinical Core Director: Stern**; Boston University Alzheimer's Disease Core Center; Total Costs: \$5,986,877.

2010-2015 D01 HP08796, PI: S. Chao; **Neuropsychology Director: R.A. Stern**; Geriatric Medicine, Dentistry and Psychiatry Fellowship at Boston University; Total Direct Costs: \$1,044,630

2009-2015 R01CA129769, **PI: Stern** (mPI: Mandelblatt, Ahles), Older Breast Cancer Patients: Risk for Cognitive Decline, Total Costs: \$ 3,186,605

PAST OTHER SUPPORT

2008-2014 R01MH080295, PI: Stern (MPI: R. Joffe), Subclinical Hypothyroidism: Mood, Cognition and the Effect of L-Thyroxine Treatment, Total Costs: \$ 2,229,240

2009-2013 Medivation, Inc. Protocol No. DIM18EXT, Site PI: R.A. Stern, Concert Plus: An Open-Label Extension of the Concert Protocol (DIM18) Evaluating Dimebon (Latrepirdine) in Patients with Alzheimer's Disease, Total Direct Costs: \$30,768

2009-2013 Wyeth/Pfizer Pharmaceuticals, Site PI: R.A. Stern, A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer's Disease who are Apolipoprotein E 4 Carriers (Protocol 3133K1-3001-US), Total Direct Costs: \$265,380

2008-2012 Elan Pharmaceuticals (now Janssen Alzheimer's Immunotherapy), Site PI: R.A. Stern, A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer's Disease who are Apolipoprotein E 4 Non-Carriers (Protocol ELN115727-301) and Carriers (Protocol ELN115727-302), Total Direct Costs: \$500,000

2007-2012 U01 AG10483, ADCS Contract (CFDA #93.866), Site PI: R.A. Stern, Multi-Center Trial to Evaluate Home-Based Assessment Methods for Alzheimer's Disease Prevention Research in People Over 75 Years Old, Total Direct Costs: \$117,750

2009-2011 5U01AG015477-07 ARRA. PI: J. Breitner; Site Director: R.A. Stern, Prevention of Alzheimer's Disease and Cognitive Decline, Total Direct Costs (Boston Site): \$145,432

2009-2011 National Operating Committee on Standards for Athletic Equipment Investigator Initiated Grant, PI: A.C. McKee & R.A. Stern, Neuropathological and Clinical Consequences of Repetitive Concussion in Athletes; Total Direct Costs: \$249,992

2008-2011 IIRG-08-89720 (Alzheimer's Association), PI: R.A. Stern, Assessment of Driving Safety in Aging, MCI and Dementia, Total Direct Costs: \$240,000

| | |
|-----------|---|
| 2008-2011 | Alzheimer's Association Subcontract, PI: G. Feke; Site PI: R.A. Stern, Objective Biomarkers for Alzheimer's Disease in the Retina, Total Costs: \$81,000 Subcontract |
| 2009-2010 | P30-AG13846 Supplement to P30 Center Grant, PI: R.A. Stern & A.C. McKee (N. Kowell, P30 PI); Development of Pathology Diagnostic Criteria for Chronic Traumatic Encephalopathy, Total Direct Costs: \$83,287 |
| 2008-2009 | P30-AG13846 Supplement to P30 Center Grant, PI: R.A. Stern & A.C. McKee (N. Kowell, P30 PI); Neuropathologic Examination of Traumatic Encephalopathy in Athletes with Histories of Repetitive Concussion, Total Direct Costs: \$100,000 |
| 2004-2009 | U01 AG023755, PI: T. Perls, Exceptional Survival and Longevity in New England, Total Direct Costs: \$2,073,781 |
| 2006-2009 | R01 HG/AG02213, PI: R.C. Green, Risk Evaluation and Education for Alzheimer's Disease (REVEAL III), Total Direct Costs: \$1,992,415 |
| 2000-2007 | U01 AG15477, PI: J. Breitner, The ADAPT Study: Alzheimer's Disease Anti-inflammatory Prevention Trial, Total Direct Costs to Boston Site: \$561,246 |
| 2004-2006 | Massachusetts Institute of Technology AgeLab and The Hartford, PI: R.A. Stern; Driving and Dementia Total Direct Costs: \$162,082 |
| 2004-2005 | Boston University Alzheimer's Disease Core Center Pilot Project Grant, PI: R.A. Stern Triiodothyronine Treatment of Alzheimer's Dementia, Total Direct Costs: \$29,989 |
| 2001-2004 | R21MH062561, PI: G. Tremont, A Telephone Intervention for Dementia Caregivers, Total Direct Costs: \$375,000 |
| 2001-2005 | 5R01AG016335, PI: B. Ott, A Longitudinal Study of Hazardous Drivers with Dementia, \$103,008, Subcontract |
| 1998-2004 | 5R01NS037840, PI: Ivan Miller. Title: Efficacy of a Family Telephone Intervention for Stroke, Total Direct Costs: \$1,516,615 |
| 2000-2003 | Eisai, Inc. and Pfizer, Inc Investigator Initiated Grant, PI: R.A. Stern; Title: Clinical Trial of Donepezil Hydrochloride (Aricept) in Diminishing the Cognitive Impairment Associated with Electroconvulsive Therapy; Total Direct Costs: \$108,854 |
| 1999-2003 | Alzheimer's Association Individual Research Grant; PI: R.A. Stern; Title: A Double-Blind Study of Donepezil with and without Thyroid Hormone in the Treatment of Alzheimer's Dementia Total Direct Costs; \$163,626 |
| 2000-2002 | R44 MH58501, PI: T. White. Project PI: R.A. Stern; Title: A Modular Neuropsychological Test Battery (Subcontract with Psychological Assessment Resources, Inc) Total Direct Costs: \$272,487, Subcontract (Project Total Direct: \$1,305,245) |
| 1999-2000 | Psychological Assessment Resources, Inc. Contract; PI: R.A. Stern; Title: Development of a Modular Neuropsychological Test Battery; Total Direct Costs: \$48,084 |
| 1999-2004 | Thyroid Research Advisory Council (TRAC) Individual Grant; PI: Geoffrey Tremont; Title: Cerebral Perfusion and Neuropsychological Functioning in Thyrotoxic Graves' Disease Patients; Total Direct Costs: \$55,139 |
| 1997-2000 | National Alliance for Research on Schizophrenia and Depression Independent Investigator Award; PI: R.A. Stern; Title: Thyroxine Treatment of the Neurocognitive Side Effects of Lithium; Total Direct Costs: \$92,592 |
| 1998 | R43 MH58501-01; PI: T. White; A Modular Neuropsychological Test Battery (subcontract) Total Direct Costs: \$23,463, Subcontract |

| | |
|-----------|--|
| 1997-1998 | Research Fellowship Training Grant, Brown University Department of Psychiatry and Human Behavior; PI: Geoffrey Tremont and R.A. Stern; Psychiatric and Neuropsychologic Consequences of Graves' Disease; Total Direct Costs: \$15,888 |
| 1996-1997 | Contract, Milkhaus Laboratory; PI: R.A. Stern; An Open-Label Treatment of 2CVV in the Amelioration of Neuropsychological and Psychiatric Symptoms Associated with Chronic Fatigue Syndrome (CFS); Total Direct Costs: \$10,000 |
| 1995-1996 | Contract, Milkhaus Laboratory; PI: R. A. Stern; 2CVV in the Amelioration of Neuropsychological and Psychiatric Symptoms in Outpatients with Chronic Fatigue Syndrome: A Phase 1/2, Double-Blind, Placebo-Controlled Study; Total Direct Costs: \$9575 |
| 1994-1995 | Research Fellowship Training Grant (PI: James Arruda, Ph.D., Fellow); Title: Neurobehavioral Functioning in Women Infected with HIV-1; Total Direct Costs: \$17,500 |
| 1992-1997 | 5R01MH048578-05; PI: R.A. Stern; Combined Thyroid Hormone and Electroconvulsive Therapy; Total Direct Costs: \$471,021 |
| 1992-1994 | 5R01MH043231-02; PI: J.J.Haggerty; Co-PI: R.A. Stern; Neuropsychiatric Aspects of Marginal Hypothyroidism; Total Direct Costs: \$174,413 |
| 1992-1997 | 5P50MH033127; PI: A.J. Prange, Jr.; Neurobehavioral Assessment Core Director: R.A. Stern; Psychoendocrinology: Children and Adults, Total Direct Costs: \$4,641,038 total project; \$256,624 subproject [core] <i>*role in project ended 7/93 due to leaving UNC</i> |
| 1992-1993 | UNC University Research Council Pilot Project Award Grant; PI: R. A. Stern; Influence of L-triiodothyronine (T3) on Memory following Repeated Electroconvulsive Shock (ECS) in Rats; Total Direct Costs: \$3000 |
| 1992-1993 | The Psychological Corporation Contract; PI: R.A. Stern; Validation of the Microcog Computerized Neuropsychological Screening Test in HIV-Infected Gay Men; Total Direct Costs: \$3600 |
| 1991-1992 | UNC Medical Faculty Research Pilot Project Award Grant; PI: R.A. Stern; Physostigmine as a Psychodiagnostic Tool: The Effects of Physostigmine on Cognition, Mood, and Behavior in Normal Volunteers; Total Direct Costs: \$3000 |
| 1990-1992 | The Foundation of Hope for Research and Treatment of Mental Illness Pilot Project Award; PI: R.A. Stern; Neuropsychological Correlates of Pregnancy and the Early Puerperium; Total Direct Costs: \$16,000 |
| 1990-1992 | The North Carolina Foundation for Mental Health Research, Inc. Pilot Project Award; PI: R.A. Stern; Physostigmine as a Psychodiagnostic Tool: The Effects of Physostigmine on Cognition, Mood and Behavior; Total Direct Costs: \$1200 |
| 1989-1991 | The Foundation of Hope for Research and Treatment of Mental Illness Pilot Project Award; PI: R.A. Stern; Neuropsychological Correlates of Alterations in Thyroid State; Total Direct Costs: \$26,317 |
| 1989-1994 | R01MH044618; PI: D. Evans; HIV: Neuropsychiatric and Psychoimmune Relationships; Total Direct Costs: \$1,293,290 (subcontract) |

CONGRESSIONAL TESTIMONY

June 25, 2014 Special Committee on Aging United States Senate Hearing on “State of Play: Brain Injuries and Diseases of Aging”

INVITED LECTURES AND PRESENTATIONS

(Does not include frequent [average 2 x month] invited community lay lectures, including lectures for the MA/NH Chapter of the Alzheimer’s Association)

May 16, 1989 *Mood Disorders and Cerebrovascular Disease.* Department of Psychiatry, Rhode Island Hospital, Brown University School of Medicine, Providence, RI,.

Dec. 8, 1989 *Mood Disorders following Stroke.* Continuing Education Course, Greensboro (NC) Area Health Education Center,

January 4, 1990 *Assessment and Diagnosis of Post-Stroke Mood Disorders.* Continuing Education Course, Westboro (MA) State Hospital

March 3, 1990 *How to Design a Clinical Trial.* Third annual meeting of the Southern Association for Research in Psychiatry. Chapel Hill, NC.

May 25, 1990 *Assessment and Diagnosis of Post-Stroke Mood Disorders.* Whittiker Rehabilitation Center, Bowman-Gray Medical Center, Winston-Salem, NC

Aug 17, 31 1990 *Neurobehavioral Syndromes: Assessment and Diagnosis.* Continuing Education Workshop, Mountain Area Health Education Center, Asheville, NC

September 22, 1990 *Theories and Models of Human Cognition: Learning and Memory.* Advanced Workshops in Traumatic Brain Injury Rehabilitation, Peace Rehabilitation Center, Greenville, SC.

October 19, 1990 *Neurobehavioral Syndromes.* Continuing Education Course, Broughton Hospital, Morganton, NC

December 11, 1990 *Neuropsychology of Aging.* Continuing Education Workshop, Mountain Area Health Education Center, Asheville, NC

Feb 24-Mar 1, 1991 *States of Mind.* Series of lectures on brain-behavior relationships to selected educators during week-long seminar/retreat, The North Carolina Center for the Advancement of Teaching, Cullowhee, NC

March 1, 1991 *How to Design a Clinical Trial.* Psychiatry Grand Rounds, Bowman-Gray School of Medicine, Winston-Salem, NC

March 14, 1991 *Mood Disorders Following Stroke.* Psychiatry Grand Rounds, University of North Carolina School of Medicine, Chapel Hill, NC

July 26, 1991 *Normal and Pathological Aging: Neurocognitive Functioning.* Continuing Education Course, Broughton Hospital, Morganton, NC

September 12, 1991 *Neurobehavioral Functioning in a Non-Confounded Cohort of Asymptomatic HIV Seropositive Gay Men.* National Institute of Mental Health (NIMH) sponsored meeting, Neurobehavioral Findings in AIDS Research, Washington, DC

April 2, 1992. *Neuropsychiatric Disorders: Post-Stroke Depression and AIDS-Related Neurobehavioral Impairment.* Annual meeting of the North Carolina Speech and Hearing Association, Wilmington, NC,

September 18, 1992 *Neurobehavioral Syndromes.* Continuing Education Course, Johnston County (NC) Mental Health Center.

- October 13, 1993 *Neurobehavioral Aspects of HIV Infection: Children and Adults*. Child Psychiatry Grand Rounds, Brown University School of Medicine, Providence, RI
- December 14, 1993 *New Directions in Psychoneuroimmunology: Neuropsychiatric Correlates of HIV Infection*. Boston Behavioral Immunology Study Group, Boston, MA
- March 3, 1994 *Neuropsychiatric Aspects of Thyroid Disorders*. Endocrinology Grand Rounds, Rhode Island Hospital, Providence, RI
- March 23, 1994 *Post-Stroke Mood Disorders*. Neurology Grand Rounds, Brown University School of Medicine, Providence, RI
- April 29, 1994 *Behavioral Abnormalities in Dementia*. Gerontology '94: Brain and Behavior, a conference sponsored by the Rhode Island Department of Elderly Affairs, Cranston, RI
- June 3, 1994 *Differential Diagnosis of Psychiatric Disorders in Neurologic Patients: Assessment of Mood*. Applications of Neuropsychological Expertise to Clinical Practice in Psychology. Boston Department of Veterans Affairs Medical Center and Tufts New England Medical Center, Boston, MA
- November 15, 1994 *Brain-Behavior Relationships: Appropriate Use and Benefits of Neuropsychological Evaluation*. Grand Rounds. Department of Medicine, Rhode Island Hospital, Providence, RI
- November 17, 1994 *Neuropsychiatric Aspects of HIV and AIDS*. General Internal Medicine Research Seminar. Rhode Island Hospital, Providence, RI.
- March 5, 1996 *Thyroid Disorders and Psychiatry*. Grand Rounds, St. Luke's Hospital, New Bedford, MA
- March 26, 1996 *Neurobehavioral Aspects of Thyroid Disorders*. Lecture Series, Department of Endocrinology, University of Virginia School of Medicine, Charlottesville, VA
- April 10, 1996 *Neuropsychiatric Aspects of Thyroid Disorders*. Psychiatry Lecture Series, Rhode Island Hospital, Providence, RI
- April 19, 1996 *Neurobehavioral Aspects of Graves' Disease*. Keynote Address, Third Annual Meeting of the New England Thyroid Club, Westborough, MA
- May 7, 1996 *Neuropsychological Evaluation of Executive Functioning*. "Neuropsychiatry for Clinicians" section of the *Psychiatry Update* session of the 149th Annual Meeting of the American Psychiatric Association, New York
- June 19, 1997 *Assessment of Mood State and Depression in Neurodegenerative Disease*. Geriatric Case Conference and Journal Club. Butler Hospital
- November 2, 1997 *The Thyroid Axis in Mood Disorders: Thoughts About Therapy* (Discussant). The 14th Annual George C. Ham Symposium (A Festschrift Celebrating the Career of Arthur J. Prange, Jr.). Chapel Hill, NC
- December 19, 1997 *Neuropsychiatric Manifestations of HIV Infection*. Psychiatry Grand Rounds. Department of Veterans Affairs Medical Center. Providence, RI
- May 5, 1998 *Quantifying the Qualitative Features of Rey-Osterrieth Complex Figure Performance: The Boston Qualitative Scoring System (BQSS)*. Continuing Education Lecture. Massachusetts Neuropsychological Society, Boston, MA
- November 8, 1998 *Assessment of Mood State and Depression in Aphasia*. Aphasia: Assessment, Treatment, and Emotional Issues Symposium. 19th Annual Neurorehabilitation Conference on Traumatic Brain Injury and Stroke. (Sponsored by the Healthsouth Braintree Rehabilitation Hospital.) Cambridge, MA

- April 27, 1999 *Assessment of Mood and Depression in Neurologic Disease*. Spring Lecture Series. Department of Communicative Disorders, University of Rhode Island, Kingston, RI
- June 16, 1999 *The Use of Thyroid Hormone to Diminish the Cognitive Side Effects of Psychiatric Treatment*. Psychiatry Grand Rounds, McMaster University Medical Center, Hamilton, Ontario, Canada
- Nov. 13, 1999 *Cognitive Rehabilitation: A Neuropsychological Perspective*. "Frontiers of Hope;" Annual National Meeting for Patients, Families, and Health Care Professionals; Brain Tumor Society, Providence, RI
- March 1, 2000 *Neurobehavioral Functioning in Thyroid Disease*. Neurology Grand Rounds, Brown University School of Medicine, Rhode Island Hospital, Providence, RI
- June 14, 2000 *Surviving a Brain Tumor: Understanding Changes in Thinking and Memory*. Featured speaker for an international educational teleconference for brain tumor survivors and family members, co-sponsored by the Brain Tumor Society, the American Brain Tumor Association, the National Brain Tumor Foundation, and Cancer Care, Inc.
- December 14, 2000 *The Use of Thyroid Hormone to Diminish the Cognitive Side Effects of ECT and Lithium*. Geriatric Psychiatry Case Conference and Journal Club (CME activity), Butler Hospital, Providence, RI
- April 29, 2002 *The Thyroid-Brain Connection: Neuropsychological and Behavioral Aspects of Thyroid Disorders*. Keynote Speaker, Psi Chi Induction Ceremony, Providence College, Providence, RI
- September 21, 2002 *The Invisible Disability: Living with the Cognitive and Behavioral Changes from a Brain Tumor*. "Living Beyond a Brain Tumor 2002: A brain tumor symposium for patients, families, and healthcare professionals. Brain Tumor Society, Quincy, MA
- December 5, 2002 *Neuropsychology of Thyroid Disease*. Behavioral Neuroscience Seminar Series. Brigham and Women's Hospital, Harvard Medical School, Boston, MA
- June 16, 2003 *The Role of Thyroid Functioning in the Aging Brain and Dementia*. Seminar Series, Alzheimer's Disease Center, Boston University School of Medicine, Boston, MA
- December 12, 2003 *The Neuropsychological Assessment Battery (NAB)*. Continuing Education Workshop, Colorado Neuropsychological Society, Denver, CO
- January 23, 2004 *The Neuropsychological Assessment Battery (NAB)*. Continuing Education Workshop, Georgia Psychological Association, Emerald Pointe, GA.,
- January 24, 2004 *The Neuropsychological Assessment Battery (NAB): Development and Psychometric Properties*. Continuing Education Workshop, 1st Professional Neuropsychology Weekend Conference, Coalition of Clinical Practitioners in Neuropsychology, Las Vegas, NV
- January 24, 2004 *The Neuropsychological Assessment Battery (NAB): Administration, Scoring, and Interpretation*. Continuing Education Workshop, 1st Professional Neuropsychology Weekend Conference, Coalition of Clinical Practitioners in Neuropsychology, Las Vegas, NV
- April 1, 2004 *The Utility of the Neuropsychological Assessment Battery (NAB) in the Evaluation of Adult Neurodevelopment Disabilities*. Continuing Education Workshop, Annual Conference of Contemporary Applications of Psychological Testing, Harvard Medical School, Boston, MA
- October 8, 2004 *The Neuropsychological Assessment Battery (NAB)*. Workshop presented at the annual meeting of the International Test Commission, Williamsburg, VA

- December 8, 2004 *The Role of Thyroid Functioning in the Aging Brain and Dementia*. Psychiatry Grand Rounds, Edith Norse Veterans Administration Medical Center, Bedford, MA
- February 5, 2005 *Neurobehavioral Functioning in Thyroid Disorders*. Continuing Education Seminar presented at the 32nd Annual Conference of the International Neuropsychological Society, Las Vegas, NV
- March 15, 2005 *Thyroid-Brain Relationships in Aging and Dementia*. Neurology Grand Rounds, Boston University School of Medicine, Boston, MA
- March 22, 2005 *Cognitive & Memory Changes in Aging & Dementia*. Mini-Med School, Boston University School of Medicine, Boston, MA
- May 12, 2005 *Alzheimer's Disease Research in 2005: Where are we and Where are we Going?* Keynote Address, 5th Annual Boston Alzheimer's Partnership Legislative Breakfast. Dorchester, MA
- June 7, 2005 *Alzheimer's Disease Research in 2005*. Keynote Address, "Alzheimer's Disease: Finding New Pathways," Berkshire Area Health Education Center Conference, Hancock, MA.
- May 3, 2006 *Research Update*. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA
- June 4, 2006 *Advances in Alzheimer's Disease: Diagnosis and Care of Women*. 14th Annual Congress on Women's Health, Hilton Head, SC
- January 16, 2007 *New Discoveries and Directions in Alzheimer's Disease Research and Care*. A Briefing for the Bipartisan Congressional Task Force on Alzheimer's Disease. The Rayburn House Office Building, Washington, DC,
- May 2, 2007 *Research Update*. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA
- June 29, 2007 *Driving and Dementia*. Social Work Practice with Older Adults: A Continuing Education and Certificate Training Opportunity, Boston College Graduate School of Social Work, Boston, MA
- February 28, 2008 *Medical Advances in Research and Treatment*, Keynote Address for the Dementia/Alzheimer's Disease Training Session, Massachusetts Assisted Living Facilities Association (MassALFA), Waltham, MA.
- May 14, 2008 *Driving and Dementia: Balancing Personal Independence and Public Safety*. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA
- June 27, 2008 *Elderly Drivers: A Difficult Balance of Personal Independence & Public Safety*. Women's Health and Older Adult Conference, Nurse Practitioner Associates Continuing Education (NPACE), Falmouth, MA
- March 6, 2009 *Chronic Traumatic Encephalopathy: Progressive Tauopathy following Repetitive Concussion in Athletes*, Pediatric Neurology Grand Rounds, Boston University School of Medicine
- May 13, 2009 *Research Update*. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA
- October 2, 2009 *Chronic Traumatic Encephalopathy and the Athlete*. Concussion and the Athlete CME Conference, Foxboro, MA
- October 7, 2009 *Alzheimer's Disease Research Update*. Massachusetts Councils on Aging Annual Conference, Sturbridge, MA

- November 12, 2009 *Recognizing, Diagnosing, and Treating Alzheimer's Disease*. Pri-Med East CME Conference, Boston, MA
- November 13, 2009 *Alzheimer's Disease Research Update 2009: Where are we Now and Where are we Going?* Keynote Address at the 12th Annual Alzheimer's Awareness Conference, Alzheimer's Services of Cape Cod and the Islands, Mashpee, MA
- March 17, 2010 *Chronic Traumatic Encephalopathy*. Briefing to the Congressional Brain Injury Task Force, Washington, DC
- June 23, 2010 *Chronic Traumatic Encephalopathy and Repetitive Brain Trauma in Athletes*, Institute of Medicine Committee on Nutrition, Trauma and the Brain, Washington, DC
- October 1, 2010 *Long-Term Effects of Repetitive Concussive and Subconcussive Brain Trauma: Chronic Traumatic Encephalopathy (CTE)*. 2010 Head Trauma and the Athlete CME Conference, Waltham, MA
- October 28, 2010 *The Role of Thyroid Functioning in the Aging Brain*. Psychiatry Grand Rounds, Edith Norse Veterans Administration Medical Center, Bedford, MA
- November 6, 2010 *Head Games: Chronic Traumatic Encephalopathy Following Repetitive Brain Trauma in Athletes*. Keynote Address at the 31st Annual Braintree Neurorehabilitation Conference, Cambridge, MA
- November 18, 2010 *Alzheimer's Disease 2010: A Time for Hope*, Keynote Address for the Dementia/Alzheimer's Disease Training Session, Massachusetts Assisted Living Facilities Association (MassALFA), Hopkinton, MA.
- February 2, 2011 *Chronic Traumatic Encephalopathy: Long-term Consequences of Repetitive Brain Trauma*. Continuing Education Course at the 39th Annual Meeting of the International Neuropsychological Society, Boston, MA.
- March 19, 2011 *Chronic Traumatic Encephalopathy*, Keynote Speaker, "New Frontiers in Traumatic Brain Injury: Update 2011 Essential Information for the Clinical Neurologist," sponsored by the Massachusetts Neurologic Association and the Massachusetts Medical Society, Boston, MA.
- March 25, 2011 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Impact of Repetitive Brain Trauma in Athletes*, Luncheon Keynote Address, American Neuropsychiatric Association, Denver, CO
- April 28, 2011 *Sports Concussions: The Hidden Risks*, Invited Speaker for Brain Trauma Symposium, The Neuroscience Institute at the University of Tennessee Health Science Center, Memphis, TN.
- April 29, 2011 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*. Neurology Grand Rounds, University of Tennessee Health Sciences Center.
- May 11, 2011 *Driving and Dementia: A Difficult Balance of Personal Independence and Public Safety*. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA.
- August 5, 2011 *Chronic Traumatic Encephalopathy: The Synergy of Science and Journalism in Creating Culture Change*. Invited Lecture at the Annual Meeting of the American Psychological Association, Washington, DC.
- September 24, 2011 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*. Keynote Speaker for the Baptist Hospital Annual Brain Injury Symposium, Coconut Grove, FL.

- October 19, 2011 *Head Games: Chronic Traumatic Encephalopathy and the Long Term Effects of Repetitive Brain Trauma in Athletes*. Grand Rounds Speaker, Beth Israel Deaconess Medical Center-Needham, Needham, MA
- October 20, 2011 Panelist, “Alzheimer’s Forum,” WBUR (NPR), Boston, MA
- November 5, 2011 *Alzheimer’s disease: Research Updates on Diagnosis, Treatment and Prevention*. Keynote Speaker, Alzheimer’s Association, Chicopee, MA
- January 19, 2012 *Chronic Traumatic Encephalopathy*. Invited Lecture, Boston Society of Neurology and Psychiatry, Boston, MA
- March 5, 2012 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*. Invited Speaker, Boston Surgical Society, Boston, MA
- March 28, 2012 Moderator, Annual Alzheimer’s Association (MA/NH Chapter) Research Day, Lexington, MA
- April 11, 2012 *Alzheimer’s Disease 2012: A Reason for Hope*. Keynote Speaker, Annual Research Program, Alzheimer’s Association, Worcester, MA
- April 17, 2012 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*. Grand Rounds Speaker, Good Samaritans Medical Center, Brockton, MA
- April 26, 2012 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*. Invited Speaker, CME Series, Vista Health System, Waukegan, IL
- April 28, 2012 *Alzheimer’s Disease: Research Updates on Diagnosis, Treatment and Prevention*. Keynote Speaker, Alzheimer’s Partnership, Andover, MA
- May 16, 2012 *Driving and Dementia: A Difficult Balance of Personal Independence and Public Safety*. Alzheimer’s Association annual “Map Through the Maze,” Marlboro, MA.
- May 24, 2012 *Chronic Traumatic Encephalopathy: Long-Term Effects of Repetitive Brain Trauma in Athletes and the Military*. Invited Speaker, Alzheimer’s Disease: Update and Research, Treatment, and Care, Annual Conference sponsored by the Shiley-Marcos Alzheimer’s Disease Research Center, University of California, San Diego, San Diego, CA
- June 13, 2012 *Head Games: Long-term Consequences of Repetitive Brain Trauma*. Keynote Speaker, Traumatic Brain Injury Conference, Sunnybrook Hospital, Toronto, Canada
- June 15, 2012 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*. Keynote Speaker, “Effects of Multiple ABI—Preventing Further Injury” Conference, Brain Injury Association, London, Ontario, Canada
- August 3, 2012 *Chronic Traumatic Encephalopathy*. Plenary Speaker, Annual Meeting of the American Psychological Association, Orlando, FL
- October 1, 2012 *Clinical Presentation of CTE : Combining Clinical and Biomarker Data for Accurate Diagnosis*. Invited Speaker (and Conference Co-Chair), Inaugural Chronic Traumatic Encephalopathy (CTE) Conference, Jointly Sponsored by Boston University and the Lou Ruvo Center for Brain Health, Las Vegas, NV
- October 13, 2012 *Differentiating chronic traumatic encephalopathy from Alzheimer's disease and other neurodegenerative conditions*. Invited Speaker, Fred Kavli Public Symposium, Society for Neuroscience, New Orleans, LA

- October 26, 2012 *Chronic Traumatic Encephalopathy: Clinical Presentation*. Invited Speaker (and Conference Co-Chair), 2012 Brain Trauma and the Athlete Conference, CME Conference Sponsored by Boston University School of Medicine, Waltham, MA
- October 29, 2012 *Understanding the Continuum of MCI due to AD & Dementia due to AD*. Invited Speaker, Aging or Alzheimer's Disease? How to Detect and Treat Memory Loss in the Primary Care Setting, CME Conference by Boston University Alzheimer's Disease Center, Waltham, MA.
- November 10, 2012 *Alzheimer's Disease 2012: Reasons for Hope*. Keynote Speaker, NH Alzheimer's Association Conference: Care to Cure, Concord, NH.
- December 1, 2012. *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*. Invited Speaker, 59th Annual Meeting of the Massachusetts Chapter of the American College of Surgeons, Boston, MA
- December 5, 2012 *Clinical Presentation of CTE*: Invited Speaker, 1st NIH Workshop on the Neuropathology of Chronic Traumatic Encephalopathy, Bethesda, MD.
- December 11, 2012 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*. Invited Speaker, Clinical Neurosciences Grand Rounds, Boston University School of Medicine, Boston, MA
- March 6, 2013 *Clinical Presentation of Chronic Traumatic Encephalopathy*, Invited Speaker, 3rd Traumatic Brain Injury Conference, Arlington, VA
- March 17, 2013 *Efforts toward earlier Alzheimer's Treatment*, Invited Panelist, Health Journalism 2013 (American Health Care Journalists), Boston, MA
- April 17, 2013 *Head Games: Chronic Traumatic Encephalopathy and the Long Term Consequences of Repetitive Brain Trauma in Athletes*. Invited Webinar Speaker, Rose[®] Webinar Series.
- May 4, 2013 *CTE and Late Life Issues*, Invited Speaker, International Sports Concussion Symposium, Minneapolis, MN
- May 10, 2013 BU A Leader in Sports-Related Head Injury: Long Term Consequences, Invited Speaker, Medical Grand Rounds, Boston University School of Medicine, Boston, MA
- May 13, 2013 *Clinical Presentation and Diagnosis of Chronic Traumatic Encephalopathy*, Invited Speaker, World Brain Mapping Conference, Baltimore, MD
- May 31, 2013 *Chronic Traumatic Encephalopathy*, Invited Speaker, "Dementia: A Comprehensive Update" Continuing Medical Education Course, Harvard Medical School, Boston, MA.
- June 3, 2013 *The Future of Contact Sports: Concussions May Be the Tip of the Iceberg*. Invited Panelist and Speaker, The German Center for Research and Innovation and Ludwig-Maximilians-Universität München, New York, NY
- June 10, 2013 *Clinical efficacy – how do we observe a potential treatment effect?* Invited Speaker, Workshop: Prevention of Alzheimer's Disease – What will it take? (New York Academy of Sciences), New York, NY
- June 20, 2013 *CTE: Point/Counterpoint Presentation*, Invited Speaker, 11th Annual American Academy of Clinical Neuropsychology Conference, Chicago, IL
- October 24, 2013 *Concussion and Action Points* Symposium, The Association of Ringside Physicians 2013 Annual Medical Seminar, Las Vegas, NV
- November 12, 2013 *Unmet Needs in Neurodegeneration: Focus on Endpoints*, Keynote Speaker, 2nd Annual Meeting of the Coalition Against Major Diseases, Bethesda, MD

- November 12, 2013 *Chronic Traumatic Encephalopathy: Public Health Consequences of Repetitive Brain Trauma in Sports*, Keynote Speaker, 2nd Annual Research Day, Boston University School of Public Health, Boston, MA
- December 5, 2013 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*, Grand Rounds, Department of Neurology, Medical University of South Carolina, Charleston, SC
- January 17, 2014 *Brain Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma*, Distinguished Lecturer for Grand Rounds, Department of Physical Medicine and Rehabilitation, Harvard Medical School, Spaulding Rehabilitation Hospital, Boston, MA
- January 29, 2014 *Clinical Presentation and Diagnosis of Chronic Traumatic Encephalopathy: What We Think We Know and What We Need to Know Next*, Invited Lecture, C4CT Summit, United Nations, New York, NY
- January 30, 2014 *Brain Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma*, Visiting Speaker, Mayo Clinic, Scottsdale, AZ
- March 19-23, 2014 *Chronic Traumatic Encephalopathy*, Invited Symposium Organizer and Speaker, 10th World Congress on Brain Injury, San Francisco, CA
- March 28, 2014 *Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes*, Invited Speaker, Grand Rounds, Department of Medicine, Tufts Medical School, Boston, MA
- April 16-17, 2014 *Chronic Traumatic Encephalopathy Clinical Presentation and Biomarkers: What We Know and What We Do Not Know*, Invited Speaker, 4th Traumatic Brain Injury Conference, Washington, DC
- May 2, 2014 *Chronic Traumatic Encephalopathy: What We Think We Know and What We Need to Know*, Plenary Speaker, 8th Annual National Summit on Sports Concussion, Los Angeles, CA
- May 13, 2014 *Brain Games: Chronic Traumatic Encephalopathy and the Long Term Consequences of Repetitive Concussive and Subconcussive Brain Trauma in Athletes*. Keynote Speaker, NYC MedTech Program, New York, NY
- May 30, 2014 *Chronic Traumatic Encephalopathy*, Invited Speaker, "Dementia: A Comprehensive Update" Continuing Medical Education Course, Harvard Medical School, Boston, MA.
- June 30, 2014 *Overview of recent/current research in clinical endpoint development*, "Pre-Dementia Clinical Outcome Assessment Tool (pCOA) Stage 2 Meeting, Coalition Against Major Diseases, Bethesda, MD
- July 31, 2014 *Brain Trauma Leading to Alzheimer's Disease and Chronic Traumatic Encephalopathy: What We Know and What We Need to Know*, Invited Lecture, C4CT Summit, United Nations, New York, NY
- August 16, 2014 *Brain Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Head Impacts in Athletes*, Sabermetrics, Scouting, and the Science of Baseball, Boston, MA.
- November 8, 2014 *Chronic Traumatic Encephalopathy: What We Think We Know and What We Need to Know Next*, Special Plenary Talk, 35th Annual Neurorehabilitation Conference, Boston, MA.

- November 12, 2014 *Brain Games: What We Now Know and What We Must Know Next about Chronic Traumatic Encephalopathy*, Opening Keynote Address, 2014 Annual Conference of the National Academy of Neuropsychology, Puerto Rico.
- November 24, 2014 *The Long-Term Consequences of Youth Concussion and Subconcussive Impacts: What We Know and What We Need to Learn*, Safe Sports Think Tank 2014: Concussions in Youth Sports: How do we Advance the Science of Prevention, Washington, DC.
- February 27, 2015 *CTE: What is on the Forefront of Clinical Diagnosis?* 2nd Annual Concussion in Sport: The Latest in Diagnosis and Management, NYU Langone Medical Center, New York, NY
- April 16, 2015 *Detecting Tau: State of the art potential biomarkers for Chronic Traumatic Encephalopathy*. Invited Speaker, 5th Traumatic Brain Injury Conference, Washington, DC
- May 18, 2015 *Breaking the Brain: The Impact of Concussion at Any Age*, Invited Speaker, Oregon Health Sciences University (OHSU) Brain Institute, 2015 OHSU Brain Awareness Lecture, Newmark Theatre, Portland, OR
- May 29, 2015 *Chronic Traumatic Encephalopathy*, Invited Speaker, "Dementia: A Comprehensive Update" Continuing Medical Education Course, Harvard Medical School, Boston, MA.

MEDIA EXPERIENCE AND APPEARANCES:

- Media Training: Fleishman-Hillard International Communications, New York, February 2009
- Print Media: Interviewed and quoted in national and international newspapers and news magazines, including the New York Times, Washington Post, Boston Globe, LA Times, Time Magazine, USA Today, and others.
- Broadcast Media: Interviews on ABC World News Tonight, CBS Evening News, NBC Nightly News, Good Morning America, Nightline, CNN, Fox News, 60 Minutes - Sports, National Public Radio, ESPN, CTV's Canada AM, ABC Radio Australia, ABC TV Australia, and numerous local affiliate radio and television news interviews.
- Documentaries: Appeared in Feature Length Film Documentary, "I Remember Better When I Paint" (2009), French Connection Films and the Hilgos Foundation.
- Appeared in Feature Length Film Documentary, "Head Games" (2012), Variance Films, Directed by Steven James.
- Appeared in Feature Length Television Documentary, "League of Denial" (2013), *Frontline*, Public Broadcasting System (PBS), Directed by Michael Kirk.

ORIGINAL, PEER REVIEWED ARTICLES:

(Past and present students, fellows, and other trainees italicized)

1. Elder, J.P., & **Stern, R.A.** (1986). The ABC's of adolescent smoking prevention: An environment and skills model. Health Education Quarterly, *13*, 181-191.
2. Elder, J.P., **Stern, R.A.**, Anderson, M., Hovell, M.F., Molgaard, C.A., & Seidman, R. (1987). Contingency-based strategies for the prevention of alcohol, drugs, and tobacco use: Missing or unwanted components of adolescent health promotion? Education and Treatment of Children, *10*, 30-47.
3. **Stern, R.A.**, Prochaska, J.O., Velicer, W.F., & Elder, J.P. (1987). Stages of adolescent smoking acquisition: Measurement and sample profiles. Addictive Behaviors, *12*, 319-329.
4. Elder, J.P., de Moor, C., Young, R.L., Wildey, M.B., Molgaard, C.A., Golbeck, A.L., Sallis, J.F., & **Stern, R.A.** (1990). Stages of adolescent tobacco-use acquisition. Addictive Behaviors, *15*, 449-454.
5. Simmons, R.B., **Stern, R.A.**, Teekhasaene, C., & Kenyon, K.R. (1990). Elevated intraocular pressure following penetrating keratoplasty. Transactions of the American Ophthalmological Society, *87*, 79-93.
6. Simmons, R.B., Shields, M.B., Blasini, M., Wilkerson, M., & **Stern, R.A.** (1991). A clinical evaluation of transscleral Neodymium:YAG cyclophotocoagulation with a contact lens. American Journal of Ophthalmology, *112*, 671-677.
7. **Stern, R.A.**, & Bachman, D.L. (1991). Depressive symptoms following stroke. American Journal of Psychiatry, *148*, 351-356.
8. **Stern, R.A.**, Nevels, C.T., Shelhorse, M.E., *Prohaska, M.L.*, Mason, G.A., & Prange, A.J., Jr. (1991). Antidepressant and memory effects of combined thyroid hormone treatment and electroconvulsive therapy: Preliminary findings. Biological Psychiatry, *30*, 623-627.
9. Keenan, P., **Stern, R.A.**, Janowsky, D.S., & Pedersen, C.A. (1992). Psychological aspects of premenstrual syndrome I: Cognition and memory. Psychoneuroendocrinology, *17*, 179-187.
10. **Stern, R.A.**, *Singer, N.G.*, *Silva, S.G.*, Rogers, H.J., Perkins, D.O., Hall, C.D., van der Horst, C.M., & Evans, D.L. (1992). Neurobehavioral functioning in a nonconfounded group of asymptomatic HIV seropositive homosexual men. American Journal of Psychiatry, *149*, 1099-1102.
11. **Stern, R.A.**, van der Horst, C.M., Hooper, S.R., Bloodgood, K.M., & High, K.A. (1992). Zidovudine overdose in an asymptomatic HIV seropositive patient with hemophilia. Psychosomatics, *33*, 454-457.
12. Girdler, S.S., Pedersen, C.A., **Stern, R.A.**, & Light, K.C. (1993). The menstrual cycle and premenstrual syndrome: Modifiers of cardiovascular reactivity in women. Health Psychology, *12*, 180-192.
13. Haggerty, J.J. Jr., **Stern, R.A.**, Mason, G.A., Beckwith, J., *Morey, C.E.*, & Prange, A.J. Jr. (1993). Subclinical hypothyroidism: A modifiable risk factor for depression. American Journal of Psychiatry, *150*, 508-510.
14. Pedersen, C.A., **Stern, R.A.**, *Pate, J.*, Senger, M.A., Bowes, W.A., & Mason, G.A. (1993). Thyroid and adrenal measures during late pregnancy and the puerperium in women who have been major depressed or who become dysphoric postpartum. Journal of Affective Disorders, *29*, 201-211.
15. Robertson, K.R., **Stern, R.A.**, Hall, C.D., Perkins, D.O., Wilkins, J.W., *Gortner, D.T.*, Donovan, M.K., Messenheimer, J.A., Whaley, R., & Evans, D.L. (1993). Vitamin B₁₂ deficiency and nervous system disease in HIV infection. Archives of Neurology, *50*, 807-811.
16. **Stern, R.A.**, *Steketee, M.S.*, Durr, A., Prange, A.J. Jr., & Golden, R.N. (1993). Combined use of thyroid hormone and ECT. Convulsive Therapy, *9*, 285-292.

17. Perkins, D.O., **Stern, R.A.**, Golden, R.N., Murphy, C., *Naftalowitz, D.*, & Evans, D.L. (1994). Mood disorders in HIV infection: Prevalence and risk factors in a non-epicenter of the AIDS epidemic. *American Journal of Psychiatry*, 151, 233-236.
18. **Stern, R.A.** (1994). Neuropsychiatric and psychoneuroimmune aspects of HIV infection and AIDS. *Advances*, 10 (4), 28-31.
19. **Stern, R.A.**, *Singer, E.A.*, *Duke, L.M.*, *Singer, N.G.*, *Morey, C.E.*, *Daughtrey, E.W.*, & Kaplan, E. (1994). The Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure: Description and interrater reliability. *The Clinical Neuropsychologist*, 8, 309-322.
20. Echelman, D.A., **Stern, R.A.**, Shields, S.R., Simmons, R.B., & Shields, M.B. (1995). Variability of contact transscleral neodymium:YAG cyclophotocoagulation. *Investigative Ophthalmology & Visual Science*, 36, 497-502.
21. Evans, D.L., Leserman, J., Perkins, D.O., **Stern, R.A.**, Murphy, C., Tamul, K., Liao, D., van der Horst, C.M., Hall, C.D., Folds, J.D., Golden, R.N., & Petitto, J.M. (1995). Stress associated reductions of cytotoxic T lymphocytes and natural killer cells in asymptomatic human immunodeficiency virus infection. *American Journal of Psychiatry*, 152, 543-550.
22. Perkins, D.O., Leserman, J., **Stern, R.A.**, *Baum, S.F.*, Liao, D., Golden, R.N., & Evans, D.L. (1995). Somatic symptoms and HIV-1 infection: Relationship to depressive symptoms and indicators of HIV disease. *American Journal of Psychiatry*, 152, 1776-1781.
23. *Prohaska, M.L.*, **Stern, R.A.**, *Steketee, M.C.*, & Prange, A.J. Jr. (1995). Lithium, thyroid hormones, and neuropsychological functioning: A review and hypothesis. *Depression*, 2, 241-251.
24. **Stern, R.A.**, *Whealin, J.M.*, Mason, G.A., Noonan, L.R., *Silva, S.G.*, *Arruda, J.E.*, & Prange, A.J. Jr. (1995). Influence of L-triiodothyronine on memory following repeated electroconvulsive shock in rats: Implications for human electroconvulsive therapy. *Biological Psychiatry*, 37, 198-201.
25. *Arruda, J.E.*, **Stern, R.A.**, & *Legendre, S.A.* (1996). Assessment of mood state in patients undergoing electroconvulsive therapy: The utility of Visual Analogue Mood Scales developed for cognitively-impaired patients. *Convulsive Therapy*, 12, 207-212.
26. *Arruda, J.E.*, Weiler, M.D., Valentino, D.S., Willis, W.G., Rossi, J.S., **Stern, R.A.**, Gold, S.G., & Costa, L. (1996). A guide for applying principal components analysis and confirmatory factor analysis to quantitative electroencephalogram data. *International Journal of Psychophysiology*, 23, 63-81.
27. *Cahn, D.A.*, Marcotte, A.C., **Stern, R.A.**, *Arruda, J.E.*, Akshoomoff, N.A., & *Leshko, I.C.* (1996). The Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure: A study of children with Attention Deficit Hyperactivity Disorder. *The Clinical Neuropsychologist*, 10, 397-406.
28. *Prohaska, M.L.* **Stern, R.A.**, Nevels, C.T., Mason, G.A., & Prange, A.J. Jr. (1996). The relationship between thyroid status and neuropsychological performance in psychiatric outpatients maintained on lithium. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, 9, 30-34.
29. **Stern, R.A.**, *Robinson, B.*, *Thorner, A.R.*, *Arruda, J.E.*, *Prohaska, M.L.*, & Prange, A.J. Jr. (1996). A survey study of neuropsychiatric complaints in patients with Graves' disease. *Journal of Neuropsychiatry and Clinical Neurosciences*, 8, 181-185.
30. **Stern, R.A.**, *Silva, S.G.*, *Chaisson, N.*, & Evans, D.L. (1996). Influence of cognitive reserve on neuropsychological functioning in asymptomatic Human Immunodeficiency Virus-1 infection. *Archives of Neurology*, 53, 148-153.
31. **Stern, R.A.** (1996). Assessment of mood states in neurodegenerative disease: Methodological and diagnostic recommendations. *Seminars in Clinical Neuropsychiatry*, 1, 315-324.
32. *Costa, L.*, *Arruda, J.E.*, **Stern, R.A.**, *Somerville, J.A.*, & Valentino, D. (1997). Asymptomatic HIV infected women: A preliminary study of quantitative EEG activity and performance on a continuous performance test. *Perceptual and Motor Skills*, 85, 1395-1408.

33. Evans, D.L., Leserman, J., Perkins, D.O., **Stern, R.A.**, Murphy, C., Zheng, B., Gettes, D., Longmate, J.A., Silva, S.G., van de Horst, C.M., Hall, C.D., Folds, J.D., Golden, R.N., & Petitto, J.M. (1997). Severe life stress as a predictor of early disease progression in HIV infection. American Journal of Psychiatry, 154, 630-634.
34. Nyenhuis, D.L., **Stern, R.A.**, Yamamoto, C., Luchetta, T., & *Arruda, J.E.* (1997). Standardization and validation of the Visual Analog Mood Scales. The Clinical Neuropsychologist, 11, 407-415.
35. **Stern, R.A.**, *Arruda, J.E.*, Hooper, C.R., Wolfner, G.D., & *Morey, C.E.* (1997). Visual Analogue Mood Scales to measure internal mood state in neurologically impaired patients: Description and initial validity evidence. Aphasiology, 11, 59-71.
36. **Stern, R.A.**, *Arruda, J.E.*, *Somerville, J.A.*, Cohen, R.A., Boland, R.J., Stein, M.I., & Martin, E.M. (1998). Neurobehavioral functioning in asymptomatic HIV-1 infected women. Journal of the International Neuropsychological Society, 4, 172-178.
37. *Arruda, J.E.*, **Stern, R.A.**, & *Somerville, J.A.* (1999). Measurement of mood states in stroke patients: Validation of the Visual Analog Mood Scales. Archives of Physical Medicine and Rehabilitation, 80, 676-680.
38. **Stern, R.A.** (1999). Assessment of mood state in aphasia. Seminars in Speech and Language, 20, 33-50.
39. Freeman, R.Q., Giovannetti, T., Lamar, M., Cloud, B.S., **Stern, R.A.**, Kaplan, E., & Libon, D.J. (2000). Visuoconstructional problems in dementia: Contribution of executive systems functions. Neuropsychology, 14, 415-426.
40. Petitto, J.M., Leserman, J., Perkins, D., **Stern, R.A.**, Gettes, D., Folds, J.D., Golden, R.N., & Evans, D.L. (2000). High versus low basal cortisol secretion in asymptomatic, medication-free HIV infected men: Differential effects of severe life stress on parameters of immune status. Behavioral Medicine, 25, 143-151.
41. Schreiber, H.E., *Javorsky, D.J.*, Robinson, J., & **Stern, R.A.** (2000). Rey-Osterrieth Complex Figure Performance in Adults with Attention Deficit Hyperactivity Disorder: A Validation Study of the Boston Qualitative Scoring System. The Clinical Neuropsychologist, 14, 509-520.
42. *Somerville, J.A.*, Tremont, G., & **Stern, R.A.** (2000). The Boston Qualitative Scoring System (BQSS) as a measure of executive functioning in Rey-Osterrieth Complex Figure performance. Journal of Clinical and Experimental Neuropsychology, 22, 613-621.
43. Tremont, G., *Halpert, S.*, *Javorsky, D.J.*, & **Stern, R.A.** (2000). Differential impact of executive dysfunction on verbal list learning and story recall. The Clinical Neuropsychologist, 14, 295-302.
44. Tremont, G., & **Stern, R.A.** (2000). Minimizing the cognitive effects of lithium therapy and electroconvulsive therapy using thyroid hormone. International Journal of Neuropsychopharmacology, 3, 175-186.
45. *Ruffolo, J.A.*, *Javorsky, D.J.*, Tremont, G., *Westervelt, H.J.*, & **Stern, R.A.** (2001). A comparison of administration procedures for the Rey-Osterrieth Complex Figure: Flowcharts vs. pen switching. Psychological Assessment, 13, 299-305.
46. Paul, R.H., Cohen, R.A., & **Stern, R.A.** (2002). Neurocognitive manifestations of Human Immunodeficiency Virus. CNS Spectrums, 7, 860-866.
47. Tremont, G., Westervelt, H.J., *Javorsky, D.*, *Podolanczuk, A.*, & **Stern, R.A.** (2002). Referring physicians' perceptions of the neuropsychological evaluation: How are we doing? The Clinical Neuropsychologist, 16, 551-554.
48. *Bishop, C.L.*, *Temple, R.O.*, Tremont, G., Westervelt, H.J., & **Stern, R.A.** (2003). Utility of the inpatient neuropsychological evaluation in an acute medical hospital. The Clinical Neuropsychologist, 17, 468-473.
49. Cahn-Weiner, D.A., Williams, K., Grace, J., Tremont, G., Westervelt, H., & **Stern, R.A.** (2003). Discrimination of dementia with lewy bodies from Alzheimer disease and Parkinson disease using the clock drawing test. Cognitive and Behavioral Neurology, 16, 85-92.

50. *Davis, J.D., Stern, R.A., & Flashman, L. (2003). Cognitive and neuropsychiatric aspects of subclinical hypothyroidism: Significance in the elderly. Current Psychiatry Reports, 5, 384-390.*
51. *Legendre, S.A., Stern, R.A., Solomon, D.A., Furman, M.J., & Smith, K.E. (2003). The influence of cognitive reserve on memory following electroconvulsive therapy. Journal of Neuropsychiatry and Clinical Neurosciences, 15, 333-339.*
52. *Tremont, G., Stern, R.A., Westervelt, H., Bishop, C.L., & Davis, J.D. (2003). Neurobehavioral functioning in thyroid disorders. Medicine and Health Rhode Island, 86, 318-322.*
53. *Westervelt, H.J., Stern, R.A., & Tremont, G. (2003). Odor identification deficits in diffuse lewy body disease. Cognitive and Behavioral Neurology, 16, 93-99.*
54. *Temple, R.O. Stern, R.A., Latham, J., Ruffolo, J.S., Arruda, J.E. & Tremont, G. (2004). Assessment of Mood State in Dementia by Use of the Visual Analog Mood Scales (VAMS). American Journal of Geriatric Psychiatry, 12, 527-530.*
55. *Stern, R.A., Davis, J.D., Rogers, B.L., Smith, K.M., Harrington, C.J., Ott, B.R., Jackson, I.M.D., & Prange, A.J. Jr. (2004). Preliminary study of the relationship between thyroid status and cognitive and neuropsychiatric functioning in euthyroid patients with Alzheimer's dementia. Cognitive and Behavioral Neurology, 17, 219-223.*
56. *Brown, L.B., Stern, R.A., Cahn-Weiner, D.A., Rogers, B., Davis, M.A., Lannon, M.C., Maxwell, C., Souza, T., White, T., & Ott, B.R. (2005). Driving Scenes test of the Neuropsychological Assessment Battery (NAB) and on-road driving performance in aging and very mild dementia. Archives of Clinical Neuropsychology, 20, 209-215.*
57. *Jefferson, A.L., Wong, S., Bolen, E., Ozonoff, A., Green, R.C., & Stern, R.A. (2006). Cognitive correlates of HVOT performance differ between patients with mild cognitive impairment and normal controls. Archives of Clinical Neuropsychology, 21, 405-412.*
58. *Westervelt, H.J., Brown, L.B., Tremont, G., Javorsky, D.J., & Stern, R.A. (2006). Patient and family perceptions of the neuropsychological evaluation: How Are We Doing? The Clinical Neuropsychologist, 20, 1385-4046*
59. *Bhalla, R.K., Papandonatos, G.D., Stern, R.A., & Ott, B.R. (2007). Alzheimer's disease patients' anxiety prior to and following a standardized on-road driving test. Alzheimer's and Dementia, 3, 33-39.*
60. *Jefferson, A.L., Wong, S., Gracer, T.S. Ozonoff, A., Green, R.C., & Stern, R.A. (2007). Geriatric performance on an abbreviated version of the Boston Naming Test. Applied Neuropsychology, 14, 215-223.*
61. *Ropacki, S.A.L., Bert, A.A., Ropacki, M.T., Rogers, B.L., & Stern, R.A. (2007). The influence of cognitive reserve on neuropsychological functioning after coronary artery bypass grafting (CABG). Archives of Clinical Neuropsychology, 22, 73-85.*
62. *Ashendorf A. Jefferson AL, O'Connor MK, Chaisson C, Green RC, & Stern, RA. (2008). Trail Making Test errors in normal aging, mild cognitive impairment, and dementia. Archives of Clinical Neuropsychology, 23, 129-137.*
63. *Davis, J.D., Podolanczuk, A., Donahue, J.E., Stopa, E., Hennessey, J.V., Luo, L.G., Lim, Y-P., & Stern, R.A. (2008). Thyroid hormone levels in the prefrontal cortex of post-mortem brains of Alzheimer's disease patients. Current Aging Science, 1, 175-181.*
64. *Hubbard EJ, Santini, V, Blankevoort CG, Volkens, KM, Barrup, MS, Byerly L, Chaisson C, Jefferson AL, Kaplan, E, Green, RC, Stern RA. (2008). Clock Drawing Performance in Cognitively Normal Elderly. Archives of Clinical Neuropsychology, 23, 295-327.*
65. *Posternak, M.A., Novak, S.P., Stern, R.A., Hennessey, J.V., Joffe, R., Prange, A.J. Jr, & Zimmerman, M. (2008). A pilot effectiveness study: placebo-controlled trial of adjunctive L-triiodothyronine (T3) used to accelerate and potentiate the antidepressant response. The International Journal of Neuropsychopharmacology, 11, 15-25.*

66. **Stern, R.A.**, D'Ambrosio, L.A., Mohyde, M., *Carruth, A.*, Tracton-Bishop, B., *Hunter, J.D.*, *Daneshvar, D.H.*, & Coughlin, J.F. (2008). At the Crossroads: Development and evaluation of a dementia caregiver group intervention to assist in driving cessation. Gerontology and Geriatrics Education, 29, 363-382.
67. *Ashendorf, L.*, Jefferson, A.L., Green, R.C., & **Stern, R.A.** (2009). Test-retest stability on the WRAT-3 Reading subtest in geriatric cognitive evaluations. Journal of Clinical and Experimental Neuropsychology, 31, 605-610. DOI: 10.1080/13803390802375557
68. *Chung, W.W.*, Chen, C.A., Cupples, L.A., Roberts, J.S., Hiraki, S.C., Nair, A.K., Green, R.C., & **Stern, R.A.** (2009). A new scale measuring psychological impact of genetic susceptibility testing for Alzheimer's disease. Alzheimer's Disease and Associated Disorders, 23, 50-56.
69. D'Ambrosio, L.A., Coughlin, J.F., Mohyde, M., *Carruth, A.*, *Hunter, J.D.*, & **Stern, R.A.** (2009). Caregiver communications and the transition from driver to passenger among people with dementia. Geriatric Rehabilitation, 25, 34-43.
70. *Gavett, B.E.*, *Poon, S.J.*, Ozonoff, A., Jefferson, A.L., Nair, A.K., Green, R.C., and **Stern, R.A.** (2009). Diagnostic utility of a list learning test in Alzheimer's disease and mild cognitive impairment. Journal of the International Neuropsychological Society, 15, 121-129.
71. McKee, A.C., Cantu, R.C., *Nowinski, C.J.*, Hedley-Whyte, E.T., Lee, H.S., Kubilus, C.A., *Gavett, B.E.*, Romero, R., Budson, A.E., Ryu, H., *Santini, V.E.*, & **Stern, R.A.** (2009). Chronic Traumatic Encephalopathy in athletes: Progressive tauopathy following repetitive concussion. Journal of Neuropathology and Experimental Neurology, 68, 709-735.
72. *Eggermont, L.H.*, *Gavett, B.E.*, *Volkers, K.M.*, *Blankevoort, C.G.*, Scherder, E.J., Jefferson, A.L., Steinberg, E., Nair, A., Green, R.C., & **Stern, R.A.** (2010). Lower extremity function in normal cognitive aging, mild cognitive impairment, and Alzheimer's disease. Archives of Physical Medicine and Rehabilitation, 91, 584-588.
73. Gavett BE, Ozonoff A, *Doktor V*, Palmisano J, Nair AK, Green RC, Jefferson AL, **Stern RA**. (2010). Predicting cognitive decline and conversion to Alzheimer's disease in older adults using the NAB List Learning test. Journal of the International Neuropsychological Society, 16, 651-660.
74. Gavett, B.E., **Stern, R.A.**, Cantu, R.C., *Nowinski, C.J.*, & McKee, A.C. (2010). Mild traumatic brain injury: A risk factor for neurodegeneration. Alzheimer's Research and Therapy, 2, 18-21.
75. McKee, A.C., Gavett, B.E., **Stern, R.A.**, *Nowinski, C.J.*, Cantu, R.C., Kowall, N.W., Perl, D., Hedley-Whyte, E.T., Price, B., Sullivan, C., Morin, P., Lee, H.S., Kubilus, C.A., *Daneshvar, D.*, *Wulff, M.*, & Budson, A.E. (2010). TDP-43 proteinopathy and motor neuron disease in chronic traumatic encephalopathy. Journal of Neuropathology and Experimental Neurology. 69, 918-929.
76. Nair, A., *Gavett, B.E.*, *Damman, M.*, *Dekker, W.*, Green, R.C., Mandel, A., Auerbach, S., Steinberg, E., *Hubbard, E.*, and **Stern, R.A.** (2010). Clock Drawing Test ratings by practicing dementia specialists: Inter-rater reliability and diagnostic accuracy. Journal of Neuropsychiatry and Clinical Neurosciences. 22, 85-92.
77. *Daneshvar, D.H.*, *Baugh, C.M.*, *Nowinski, C.J.*, McKee, A.C., **Stern, R.A.**, & Cantu, R.C. (2011). Helmets and mouth guards: The role of personal equipment in preventing sport-related concussions. Clinics in Sports Medicine, 30, 145-163.
78. *Daneshvar, D.H.*, *Riley, D.O.*, *Nowinski, C.J.*, McKee, A.C., **Stern, R.A.**, & Cantu, R.C. (2011). Long-term consequences: Effects on normal development profile after concussion. Physical Medicine and Rehabilitation Clinics of North America, 22, 683-700.
79. *Gavett, B.E.*, Cantu, R.C., Shenton, M., Lin, A., *Nowinski, C.J.*, McKee, A.C., & **Stern, R.A.** (2011). Clinical appraisal of chronic traumatic encephalopathy: Current perspectives and future directions. Current Opinion in Neurology, 24, 525-531.
80. Gavett, B.E., **Stern, R.A.**, & McKee, A.C. (2011). Chronic Traumatic Encephalopathy: A potential late effect of sport-related concussive and subconcussive head trauma. Clinics in Sports Medicine, 30, 179-188.

81. Naj, A.C., Jun, G., Beecham, G.W., Wang, L.S., Vardarajan, B.N., Buross, J., Gallins, P.J., Buxbaum, J.D., Jarvik, G.P., Crane, P.K., Larson, E.B., Bird, T.D., Boeve, B.F., Graff-Radford, N.R., De Jager, P.L., Evans, D., Schneider, J.A., Carrasquillo, M.M., Ertekin-Taner, N., Younkin, S.G., Cruchaga, C., Kauwe, J.S.K., Nowotny, P., Kramer, P., Hardy, J., Huentelman, M.J., Myers, A.J., Barmada, M.M., Demirci, F.Y., Baldwin, C.T., Green, R.C., Rogaeva, E., St. George-Hyslop, P., Arnold, S.E., Barber, R., Beach, T., Bigio, E.H., Bowen, J.D., Boxer, A., Burke, J.R., Cairns, N.J., Carlson, C.S., Carney, R.M., Carroll, S.L., Chui, H.C., Clark, D.G., Corneveaux, J., Cotman, C.W., Cumming, J.L., DeCarli, C., DeKosky, S.T., Diaz-Arrastia, R., Dick, M., Dickson, D.W., Eillis, W.G., Faber, K.M., Fallon, K.B., Farlow, M.R., Ferris, S., Frosch, M.P., Galasko, D.R., Ganguli, M., Gearing, M., Geschwind, D.H., Ghetti, B., Gilbert, J.R., Gilman, S., Giordani, B., Glass, J.D., Growdon, J.H., Hamilton, R.L., Harrell, L.E., Head, E., Honig, L.S., Hulette, C.M., Hyman, B.T., Jicha, G.A., Jin, L.W., Johnson, N., Karlawish, J., Karydas, A., Kaye, J.A., Kim, R., Koo, E.H., Kowall, N.W., Lah, J.J., Levey, A.I., Lieberman, A.P., Lopez, O.L., Mack, W.J., Marson, D.C., Martiniuk, F., Mash, D.C., Masliah, E., McCormick, W.C., McCurry, S.M., McDavid, A.N., McKee, A.C., Mesulam, M., Miller, B.L., Miller, C.A., Miller, J.W., Parisi, J.E., Perl, D.P., Peskind, E., Petersen, R.C., Poon, W.W., Quinn, J.F., Rajbhandary, R.A., Raskind, M., Resberg, B., Ringman, J.M., Roberson, E.D., Rosenberg, R.N., Sano, M., Schneider, L.S., Seeley, W., Shelanski, M.L., Slifer, M.A., Smith, C.D., Sonnen, H.V., Spina, S., **Stern, R.A.**, Tanzi, R.E., Trojanowski, J.Q., Troncoso, J.C., Van Deerlin, V.M., Vinters, H.V., Vonsattel, J.P., Weintraub, S., Welsh-Bohmer, K.A., Williamson, J., Woltjer, R.L., Cantwell, L.B., Dombrowski, B.A., Beekly, D., Lunetta, K.L., Martin, E.R., Kamboh, M.I., Saykin, A.J., Reiman, E.M., Bennett, D.A., Morris, J.C., Montine, T.J., Goate, A.M., Blacker, D., Tsuang, D.W., Hakonarson, H., Kukull, W.A., Foroud, T.M., Haines, J.L., Mayeux, R., Pericak-Vance, M.A., Farrer, L.A., & Schellenberg, G.D. (2011). Common variants in *MS4A4/MS4A6E*, *CD2AP*, *CD33*, and *EPHA1* are associated with late-onset Alzheimer's disease. *Nature Genetics*, *43*, 436–441
82. Ready, R.E., Carvalho, J.O., Green, R.C., Gavett, B.E., & **Stern, R.A.** (2011). The structure and validity of self-reported affect in mild cognitive impairment and mild Alzheimer's disease. *International Psychogeriatrics*, *23*, 887-898.
83. **Stern, R.A.**, Riley, D.A., Daneshvar, D.H., Nowinski, C.J., Cantu, R.C. & McKee, A.C. (2011). Long-term consequences of repetitive brain trauma: Chronic traumatic encephalopathy. *Physical Medicine and Rehabilitation*, *3*, S460-S467.
84. Baugh, C.M., Stamm, J.M., Riley, D.O., Gavett, B.G., Shenton, M.E., Lin, A.L., Cantu, R.C., McKee, A.C., & **Stern, R.A.** (2012). Chronic Traumatic Encephalopathy: Neurodegeneration following repetitive concussive and subconcussive brain trauma. *Brain Imaging and Behavior*, *6*, 244-254.
85. Gavett, B.E., Lou, K.R., Daneshvar, D.H., Green, R.C., Jefferson, A.L., & **Stern, R.A.** (2012). Diagnostic accuracy statistics for seven Neuropsychological Assessment Battery (NAB) Test variables in the diagnosis of Alzheimer's disease. *Applied Neuropsychology*, *19*, 108-115.
86. Gavett, B.E., & **Stern, R.A.** (2012). Dementia has a categorical, not dimensional, latent structure. *Psychology and Aging*, *27*, 791–797.
87. Goldstein, L.E., Fisher, A.M., Tagge, C.A., Zhang, X.-L., Velisek, L., Sullivan, J. A. Upreti, C., Kracht, J. M., Ericsson, M., Wojnarowicz, M.W., Goletiani, C.J., Maglakelidze, G.M., Casey, N., Moncaster, J.A., Minaeva, O., Moir, R.D., Nowinski, C.J., **Stern, R.A.**, Cantu, R.C., Geiling, J., Blusztajn, J.K., Wolozin, B.L., Ikezu, T., Stein, T.D., Budson, A.E., Kowall, N.W., Chargin, D. Sharon, A., Saman, S., Hall, G.F., Moss, W.C., Cleveland, R.O., Tanzi, R.E., Stanton, P.K., & McKee, A.C. (2012). Chronic Traumatic Encephalopathy in Blast-Exposed Military Veterans and a Blast Neurotrauma Mouse Model. *Science Translational Medicine*, *4*, 1946-6234.
88. Niewoehner, P.M., Henderson, R.R., Dalchow, J., Beardsley, T.L., **Stern, R.A.**, & Carr, D.B. (2012). Predicting road test performance in adults with cognitive or visual impairment referred to a VA driving clinic. *Journal of the American Geriatrics Society*, *60*, 2070-2074

89. Shenton ME, Hamoda HM, Schneiderman JS, Bouix S, Pasternak O, Rath Y, Vu MA, Purohit MP, Helmer K, Koerte I, Lin AP, Westin CF, Kikinis R, Kubicki M, **Stern RA**, & Zafonte R. (2012). A review of magnetic resonance imaging and diffusion tensor imaging findings in mild traumatic brain injury. Brain Imaging and Behavior, *6*, 137–192.
90. Holton P, Ryten M, Nalls M, ...**Stern RA**, ... Wright CB, & Younkin SG (2013). Initial assessment of the pathogenic mechanisms of the recently identified Alzheimer risk Loci. Annals of Human Genetics, *77*, 85-105.
91. Joffe, R.T., Pearce, E.N., Hennessey, J.V., Ryan, J.J., & **Stern, R.A.** (2013). Subclinical hypothyroidism, mood, and cognition in the elderly: A review. International Journal of Geriatric Psychiatry. *28*, 111-118.
92. Mandelblatt, J.S., Hurria, A., McDonald, B.C., Saykin, A.J., **Stern, R.A.**, VanMeter, J.W., McGuckin, M., Traina, T., Denduluri, N., Turner, S., Howard, D., Jacobsen, P.B., Ahles, T., for the Thinking and Living With Cancer Study (2013). Cognitive effects of cancer and its treatments at the intersection of aging: What do we know; what do we need to know? Seminars in Oncology, *40*, 709-725.
93. McKee, A., **Stern, R.**, Nowinski, C., Stein, T., Alvarez, V., *Daneshvar, D.*, Lee, H., Wojtowicz, S., Hall, G., *Baugh, B.*, *Riley, D.*, Kubilis, C., Cormier, K., Jacobs, M., Martin, B., Abraham, C., Ikezu, T., Reichard, R., Wolozin, B., Budson, A., Goldstein, G., Kowall, N., & Cantu, R. (2013). The spectrum of disease in chronic traumatic encephalopathy. Brain. *136*, 43-64.
94. Mez, J., **Stern, R.A.**, & McKee, A.C. (2013). Chronic traumatic encephalopathy: Where are we and where are we going? Current Neurology and Neuroscience Reports. *13*, 407. PMID: 24136455.
95. *Seichepine, D.R.*, *Stamm, J.M.*, *Daneshvar, D.H.*, *Riley, D.O.*, *Baugh, C.M.*, Gavett, B.E., Tripodis, Y., Martin, B., Chaisson, C., McKee, A.C., Cantu, R.C., *Nowinski, C.J.*, & **Stern, R.A.** (2013). Profile of self-reported problems with executive functioning in college and professional football players. Journal of Neurotrauma. *30*, 1299-1304.
96. **Stern, R.A.**, *Daneshvar, D.H.*, *Baugh, C.M.*, *Seichepine, D.R.*, *Montenigro, P.H.*, *Riley, D.O.*, *Fritts, N.G.*, *Stamm, J.M.*, *Robbins, C.A.*, McHale, L., Simkin, I., Stein, T.D., Alvarez, V., Goldstein, L.E., Budson, A.E., Kowall, N.W., *Nowinski, C.J.*, Cantu, R.C., & McKee, A.C. (2013). Clinical presentation of Chronic Traumatic Encephalopathy. Neurology, *81*, 1122-1129.
97. *Baugh, C.M.*, Kroshus, E., *Daneshvar, D.H.*, & **Stern, R.A.** (2014). Perceived coach support and concussion symptom-reporting: differences between freshmen and non-freshmen college football players. Journal of Law Medicine and Ethics, *42*, 314-322. PMID: 25264089.
98. *Baugh, C.M.*, *Robbins, C.A.*, McKee, A.C. & **Stern, R.A.** (2014). Current understanding of Chronic Traumatic Encephalopathy. Current Treatment Options in Neurology. Sep;16(9):306. doi: 10.1007/s11940-014-0306-5.
99. Mandelblatt, J.S., **Stern, R.A.**, Luta, G., McGuckin, M., Clapp, J.D., Hurria, A., Jacobsen, P.J., Faul, L.A., Isaacs, C., Denduluri, N., Gavett, B., Traina, T.A., Johnson, P., Silliman, R.A., Turner, R.S., Howard, D., VanMeter, J.W., Saykin, A., & Ahles, T. (2014). Cognitive impairments in older breast cancer patients prior to systemic therapy: Is there an interaction between cancer and comorbidity? Journal of Clinical Oncology. *32*, 1909-18.
100. *Montenigro, P.H.*, *Baugh, C.M.*, *Daneshvar, D.H.*, Mez, J., Budson, A.E., Au, R., Katz, D., Cantu, R.C., & **Stern, R.A.** (2014). Clinical subtypes of chronic traumatic encephalopathy: Literature review and proposed research diagnostic criteria for Traumatic Encephalopathy Syndrome. Alzheimer's Research and Therapy. *6*, 68.

101. *Robbins, C.A., Daneshvar, D.H., Picano, J.D., Gavett, B.E., Baugh, C.M., Riley, D.O., Nowinski, C.J., McKee, A.C., Cantu, R.C., & Stern, R.A.* (2014). Self-reported concussion history: Impact of providing a definition of concussion. Open Access Journal of Sports Medicine. 5, 99-103. PMID: 24891816.
102. Qiu, W.Q., Au, R., Zhu, H., Wallack, M., Liebson, E., Li, H., Rosenzweig, J., Mwamburi, M., & **Stern, R.A.** (2014). Positive association between plasma amylin and cognition in a homebound elderly population. Journal of Alzheimer's Disease. 42, 555-563. PMID:24898659
103. Qiu, W.Q, Mwamburi, M., Besser, L.M., Zhu, H., Li, H., Wallack, M., Phillips, L., Qiao, L., Budson, A., **Stern, R.A.**, & Kowall, N. (2014). Angiotensin Converting Enzyme inhibitors and the reduced risk of Alzheimer's disease in the absence of Apolipoprotein E4 allele. Journal of Alzheimer's Disease. 22, 177-185.
104. Rathi, Y., Ning, L., Michailovich, O., Liao, H., Gagoski, B., Grant, P.E., Shenton, M.E., **Stern, R.**, Westin, C.F., & Lin, A. (2014). Maximum entropy estimation of glutamate and glutamine in MR spectroscopic imaging. Medical Image Computing and Computer-Assisted Intervention. 17, 749-756. PMID: 25485447
105. *Baugh, C.M., Kiernan, P.T., Kroshus, E., Daneshvar, D.H., Montenegro, P.H., McKee, A.C., & Stern, R.A.* (2015). Frequency of head impact related outcomes by position in NCAA Division I collegiate football players. Journal of Neurotrauma, 32, 314-26
106. Feke, G.T., Hyman, B.T., **Stern, R.A.**, & Pasquale, L.R. (2015). Retinal blood flow in mild cognitive impairment and Alzheimer's disease. Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring. 1, 144-151.
107. Koerte, I.K., Lin, A.P., Muehlmann, M., Merugumala, S., Liao, H., Starr, T., Kaufmann, D., Mayinger, M., Steffinger, D., Fisch, B., Karch, S., Heinen, F., Ertl-Wagner, B., Reiser, M., **Stern, R.A.**, Zafonte, R., & Shenton, M.E. (2015). Altered neurochemistry in former professional soccer players without a history of concussion. Journal of Neurotrauma. May 14, 2015. [Epub ahead of print]
108. Koerte, I.K., Hufschmidt, J., Muehlmann, M., Tripodis, Y., *Stamm, J.M.*, Giwer, M.Y., Coleman, M.J., *Baugh, C.M., Fritts, N.G.*, Heinen, F., Lin, A., **Stern, R.A.***, Shenton, M.E.* (2015) Cavum septi pellucidi in symptomatic former professional football players. Journal of Neurotrauma. ePub ahead of publication. PMID: 26414478
109. Koerte, I.K., Mayinger, M., Muehlmann, M., Kaufmann, D., Lin, A.P., Steffinger, D., Fisch, B., Rauchmann, B.S., Immler, S., Karch, S., Heinen, F., Ertl-Wagner, B., Reiser, M., **Stern, R.A.**, Zafonte, R., Shenton, M.E. (2015). Cortical thinning in former professional soccer players. Brain Imaging and Behavior. ePub ahead of publication. doi: 10.1007/s11682-015-9442-0
110. Lin, A.P., Ramadan, S., **Stern, R.A.**, Box, H.C., *Nowinski, C.J.*, Ross, B.D., & Mountford, C.E. (2015). Changes in the neurochemistry of athletes with repetitive brain trauma: Preliminary results using 2D correlated spectroscopy. Alzheimer's Research and Therapy. 7(1):13. doi: 10.1186/s13195-015-0094-5 PMID: 25780390, PMCID: PMC4361214
111. *Riley, D.O., Robbins, C.A., Cantu, R.C., & Stern, R.A.* (2015). Chronic traumatic encephalopathy: Contributions from the Boston University Centre for the Study of Traumatic Encephalopathy. Brain Injury, 29, 154-163.
112. *Stamm, J.M., Bourlas, A.P., Baugh, C.M., Fritts, N.G., Daneshvar, D.H., Martin, B.M., McClean, M.D., Tripodis, Y., & Stern, R.A.* (2015). Age of first exposure to football and later-life cognitive impairment in former NFL players. Neurology, 84, 1114-1120, PMID: 25632088.

113. *Stamm, J.M., Koerte, I.K., Muehlmann, M., Pasternak, O., Bourlas, A.P., Baugh, C.M., Giwerc, M.Y., Zhu, A., Coleman, M., Bouix, S., Fritts, N.G., Martin, B.M., Chaisson, C., McClean, M.D., Lin, A.P., Cantu, R.C., Tripodis, Y., Stern, R.A.*, & Shenton, M.E.* (2015). Age at first exposure to football is associated with altered corpus callosum white matter microstructure in former professional football players. Journal of Neurotrauma. ePub ahead of publication. PMID: 26200068*
114. *Stein, T.D., Montenegro, P.H., Alvarez, V.E., Xia, W., Crary, J.F., Tripodis, Y., Daneshvar, D.H., Mez, J., Solomon, T., Meng, G., Kubilus, C.A., Cormier, K.A., Meng, S., Babcock, K., Kiernan, P., Murphy, L., Nowinski, C.J., Martin, B., Dixon, D., Stern, R.A., Cantu, R.C., Kowall, N.W., & McKee, A.C. (2015). Beta-amyloid Deposition in Chronic Traumatic Encephalopathy. Acta Neuropathologica, 130, 21-34. doi: 10.1007/s00401-015-1435-y. PMID: 25943889*
115. *Wang, L., Naj, A.C., Graham, R.R., ... Schellenberg, G.D... Stern, R.A., ... Yu, L. (2015). Rarity of the Alzheimer Disease–Protective APP A673T Variant in the United States. JAMA Neurology, 72, 209-216.*
116. *Zhu, H., Wang, X., Wallack, M., Li, H., Carreras, I., Dedeoglu, A., Hur, J.Y., Zheng, H., Li, H., Find, R., Mwamburi, M., Sun, X., Kowall, N., Stern, R.A. & Qiu, W.Q. (2015). Intraperitoneal injection of the pancreatic peptide amylin potently reduces behavioral impairment and brain amyloid pathology in murine models of Alzheimer’s disease. Molecular Psychiatry, 20, 252-62.*
117. *Qiu, W.Q., Lai, A., Mon, T., Mwamburi, D.M., Taylor, W., Rosenzweig, J., Kowall, N., Stern, R.A., Zhu, H., & Steffens, D.C. (in press). Angiotensin Converting Enzyme Inhibitors and Alzheimer’s disease in the Presence of Apolipoprotein E4 Allele. American Journal of Geriatric Psychiatry.*
118. *Mez, J., Solomon, T.M., Daneshvar, D.H., Murphy, L., Kiernan, P.T., Montenegro, P.H., Kriegel, J., Abdolmohammadi, B., Fry, B., Babcock, K.J., Adams, J.W., Bourlas, A.P., Papadopoulos, Z.M., McHale, L., Ardaugh, B.M., Martin, B.R., Dixon, D., Nowinski, C.J., Chaisson, C., Alvarez, V.E., Tripodis, Y., Stein, T.D., Goldstein, L.E., Katz, D.I., Kowall, N.W., Cantu, R.C., Stern, R.A., & McKee, A.C. (in press). Assessing clinicopathological correlation in chronic traumatic encephalopathy: rationale & methods for the UNITE study. Alzheimer’s Research and Therapy.*
119. *Mandelblatt, J., Clapp, J., Luta, G., Faul, L.A., Tallarico, M., McClendon, T., Whitely, J., Cai, L., Ahles, T.A., Stern, R.A., Jacobsen, P.B., Small, B., Pitcher, B., Dura-Fernandis, E., Muss, H.B., Hurria, A., Cohen, H., & Isaacs, C. (under review) Long-term Trajectories of Self-reported Cognitive Function in a Cohort of Older Breast Cancer Survivors: CALGB 369901 (Alliance). Journal of Clinical Oncology.*
120. *Stern, R.A., Abularach, L.M., Seichepine, D.R., Alosco, M.L., Gavett, B.E., Tripodis, Y. (under review) Office-based Assessment of Driving in Older Adults with and without Cognitive Impairment. Journal of the American Geriatrics Society.*
121. *Stern, R.A., Tripodis, Y., Baugh, C.M., Fritts, N.G., Martin, B.M., Chaisson, C., Cantu, R.C., Joyce, J.A., Shah, S., Ikezu, T., Zhang, J., Gercel-Taylor, C., & Taylor, D.D. (under review) Plasma exosomal tau as a potential biomarker for chronic traumatic encephalopathy. Alzheimer’s and Dementia.*

* Denotes contributed equally, shared authorship order placement.

RESEARCH PUBLICATIONS WITHOUT NAMED AUTHORSHIP

1. *Aisen, P.S., Schneider, L.S., Sano, M., Diaz-Arrastia, R., van Dyck, C.H., Weiner, M.F., Bottiglieri, T., Jin, S., Stokes, K.T., Thomas, R.G., Thal, L.J. & Alzheimer Disease Cooperative Study*

- (2008). High-dose B vitamin supplementation and cognitive decline in Alzheimer disease: a randomized controlled trial. Journal of the American Medical Association, *300*, 1774-1783.
2. **ADAPT Research Group**, Martin, B.K., Szekely, C., Brandt, J., Piantadosi, S., Breitner, J.C., Craft, S., Evans, D., Green, R., Mullan, M. (2009). Cognitive function over time in the Alzheimer's Disease Anti-inflammatory Prevention Trial (ADAPT): results of a randomized, controlled trial of naproxen and celecoxib. Archives of Neurology, *65*, 896-905.
 3. Jun G, Naj AC, Beecham GW, ...**Alzheimer's Disease Genetics Consortium**,... Pericak-Vance MA, & Schellenberg GD (2010). Meta-Analysis confirms *CR1*, *CLU*, and *PICALM* as Alzheimer's disease risk loci and reveals interactions with *APOE* genotypes. Archives of Neurology, *67*, 1473-1484.
 4. Jun G, Vardarajan BN, Buross J, ...**Alzheimer's Disease Genetics Consortium**, ... Schellenberg GD, & Farrer LA. (2012). Comprehensive search for Alzheimer disease susceptibility loci in the APOE region. Archives of Neurology, *69*, 1270-9.
 5. Whitcomb, D., LaRusch, J., Krasninskas, A.M., ...**Alzheimer's Disease Genetics Consortium**, ... Yadav, D., & Devlin, B. (2012). Common genetic variants in the CLDN2 and PRSS1-PRSS2 loci alter risk for alcohol-related and sporadic pancreatitis. Nature Genetics, *44*, 1349-1354.
 6. Zou, F., Chai, H.S., Younkin, C.S., ...**Alzheimer's Disease Genetics Consortium**, ...Younkin, S.G., & Nilüfer Ertekin-Taner, N. (2012). Brain expression genome-wide association study (eGWAS) identifies human disease-associated variants. PLoS Genetics, *8*(6): e1002707.
 7. **Alzheimer's Disease Anti-inflammatory Prevention Trial Research Group**. (2013). Results of a follow-up study to the randomized Alzheimer's Disease Anti-inflammatory Prevention Trial (ADAPT). Alzheimer's & Dementia, *9*, 714-23. PMID: 23562431
 8. Cruchaga, C., Kauwe, J.S.K., Harari, O., ...**Alzheimer Disease Genetic Consortium** & Goate, A.M. (2013). GWAS of cerebrospinal fluid tau levels identifies risk variants for Alzheimer's disease. Neuron, *78*, 256-268.
 9. Holton, P., Ryten, M., Nalls, M., ... **Alzheimer's Disease Genetics Consortium**, ... Hardy, J., & Guerreiro, R. (2013). Initial assessment of the pathogenic mechanisms of the recently identified Alzheimer risk Loci. Annals of Human Genetics, *77*, 85-105.
 10. Miyashita, A., Koike, A., Jun, G., ... **The Alzheimer's Disease Genetics Consortium**, ... Farrer, L.A., and Kuwanzo, R. (2013). SORL1 is genetically associated with late-onset Alzheimer's disease in Japanese, Koreans and Caucasians. PLoS One, *8*(4):e58618.
 11. Reitz, C., Jun, G., Naj, A., ...& **Alzheimer Disease Genetics Consortium**. (2013). Variants in the ATP-binding cassette transporter (ABCA7), apolipoprotein E ϵ 4, and the risk of late-onset Alzheimer disease in African Americans. JAMA, *309*(14), 1483-92. PMID: 23571587.
 12. Reitz, C., Mayeux, R., & **Alzheimer's Disease Genetics Consortium**. (2013). TREM2 and neurodegenerative disease. New England Journal of Medicine, *369*, 1564-1565.
 13. Ridge, P.G., Mukherjee, S., Crane, P.K., Kauwe, J.S., **Alzheimer's Disease Genetics Consortium**. (2013). Alzheimer's disease: analyzing the missing heritability. PLoS One, *8*, 79771. doi: 10.1371/journal.pone.0079771. PMID: 24244562.

14. Lambert, J.C., Ibrahim-Verbaas, C.A., Harold, D., ... **Alzheimer's Disease Genetic Consortium**, ... Schellenberg, G.D., & Amouyel, P. (2013). Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. Nature Genetics, 45, 1452-1458.
15. Sano, M. Egelko, S., Donohue, M., Ferris, S., Kaye, J., Hayes, T.L., Mundt, J.C., Sun, C., Paparello, S., Aisen, P.S., and the **Alzheimer Disease Cooperative Study Investigators** (2013). Developing dementia prevention trials: Baseline report of the Home-Based Assessment Study. Alzheimer Disease and Associated Disorders, 27, 356–362.
16. Naj, A.A., Jun, G., Reitz, C. ... Pericak-Vance, M.A., and the **Alzheimer Disease Genetics Consortium** (2014). Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: A genome-wide association study. JAMA Neurology, 71:1394-1404.
17. Jun G, Ibrahim-Verbaas CA, Vronskaya M, ... **IGAP Consortium**, ... van Duijn CM, Schellenberg GD, Farrer LA. (2015). A novel Alzheimer disease locus located near the gene encoding tau protein. Molecular Psychiatry. Mar 17. doi: 10.1038/mp.2015.23. [Epub ahead of print].
18. Allen, M., Zou, F., Chai, H.S., ... **Alzheimer's Disease Genetics Consortium**, ... Younkin, S.G, & Ertekin-Taner, N. (in press). Novel late-onset Alzheimer's disease loci variants associate with brain gene expression. Neurology.
19. **Alzheimer's Disease Anti-inflammatory Prevention Trial Research Group**. (in press). Follow-up evaluation of cognitive function in the randomized Alzheimer's Disease Anti-inflammatory Prevention Trial (ADAPT) and its Follow-up Study (ADAPT-FS). Alzheimer's & Dementia.
20. Escott-Price, V., Bellenguez, C., Wang, L... **Alzheimer's Disease Genetics Consortium** .. & Williams, J. (in press). Gene-wide analysis detects two new susceptibility genes for Alzheimer's disease. PLOS ONE.
21. Jun, G., Vardarajan, B.N., Buross, J., ... **The Alzheimer's Disease Genetics Consortium**, ... Schellenberg, G.D., & Farrer, L.A. (in press). A comprehensive search for Alzheimer disease susceptibility loci in the APOE region. Archives of Neurology.
22. Miyashita, A., Koike, A., Jun, G., ... **The Alzheimer's Disease Genetics Consortium**, ... (in press). SORL1 is genetically associated with late-onset Alzheimer's disease in Japanese, Koreans and Caucasians. GWAS.
23. Reitz, C., Tosto, G., Vardarajan, B.N., ... & **Alzheimer's Disease Genetics Consortium**. (under review). Independent and epistatic effects of variants in VPS10 sortilin receptors on Alzheimer's disease risk and processing of the amyloid precursor protein (APP). Annals of Neurology.

**TEXTBOOKS, INVITED PAPERS, CHAPTERS, LETTERS, PUBLISHED ABSTRACTS,
PUBLISHED TESTS & MANUALS**

(Past and present students, fellows, and other trainees italicized)

Textbooks

1. **Stern, R.A.**, Volume Co-Editor (in preparation; co-editor Hainline, B.; expected publication 2017). Sports Neurology, a comprehensive print and online volume of approximately 75 chapters, as part of the renowned Handbook of Clinical Neurology, 3rd Series.

Invited Papers

1. **Stern, R.A.**, Gavett, B.E., *Baugh, C., Nowinski, C.J.*, Cantu, R.C., & McKee, A.C. (2011). Recurrent Sports-Related Traumatic Brain Injury and Tauopathy. In Nutrition and Traumatic Brain Injury: Improving Acute and Subacute Health Outcomes in Military Personnel, edited by J. Erdman, M. Oria, and L. Pillsbury. Washington, DC: The National Academies Press. pp. 305-310.
2. Koerte, I.K., Lin, A.P., Willems, A., Muehlmann, M., Hufschmidt, J., Coleman, M.J., Green, I., Liao, H., Tate, D.F., Wilde, E.A., Pasternak, O., Bouix, S., Rathi, Y., Bigler, E.D., **Stern, R.A.**, & Shenton, M.E. (2015). A Review of Neuroimaging Findings in Repetitive Brain Trauma. Brain Pathology, 25, 318-340.
3. *Montenigro, P.H., Corp, D.T.*, Stein, T.D., Cantu, R.C. & **Stern, R.A.** (2015). Chronic Traumatic Encephalopathy: Historical origins and current perspective. Annual Review of Clinical Psychology, 11, 14.1–14.22.

Textbook Chapters

1. Evans, D.L., **Stern, R.A.**, Golden, R.N., Haggerty, J.J. Jr., Perkins, D., Simon, J.S., & Nemeroff, C.D. (1990). Neuroendocrine and peptide challenge tests in primary and secondary depression. In C.B. Nemeroff (Ed.) Neuropeptides and Psychiatric Disorders. Washington, D.C.: American Psychiatric Association Press, pp. 279-298.
2. Perkins, D.O., **Stern, R.A.**, Golden, R.N., Miller, H.L., & Evans, D.L. (1991). Use of neuroendocrine tests in the psychiatric assessment of the medically ill patient. In J.A. McCubbin, P.G. Kaufmann, and C.B. Nemeroff (Eds.). Stress, Neuropeptides, and Systemic Disease. New York: Academic Press, pp. 199-217.
3. Prange, A.J. Jr., & **Stern, R.A.** (1995). Pharmacologic use of thyroid hormones in psychiatry. In H.I. Kaplan & B.J. Sadock (Eds.). Comprehensive Textbook of Psychiatry/VI. Baltimore: Williams and Wilkins, pp. 2083-2088.
4. **Stern, R.A.**, Perkins, D.O., & Evans, D.L. (1995). Neuropsychiatric aspects of HIV-1 infection and AIDS. In F.E. Bloom & D.J. Kupfer (Eds.). Psychopharmacology: The Fourth Generation of Progress. New York: Raven Press, pp. 1545-1558. URL: <http://www.acnp.org/citations/GN401000149>.
5. **Stern, R.A.**, & Prange, A.J. Jr. (1995). Neuropsychiatric aspects of endocrine disorders. In H.I. Kaplan & B.J. Sadock (Eds.). Comprehensive Textbook of Psychiatry/VI. Baltimore: Williams and Wilkins, pp. 241-251.
6. **Stern, R.A.**, & Prohaska, M.L. (1996). Neuropsychological evaluation of executive functioning. In L.J. Dickstein, M.B. Riba, & J.M. Oldham (Eds.). American Psychiatric Press Review of Psychiatry, Vol. 15. Washington, D.C.: American Psychiatric Press, pp. 243-266.
7. Connors, C.K., Epstein, J., **Stern, R.A.**, March, J., Sparrow, E., & Javorsky, D.J. (2003). Subtyping Attention-Deficit/Hyperactivity Disorder (ADHD): Use of the ROCF. In J. Knight & E. Kaplan (Eds.). The Handbook of Rey-Osterrieth Complex Figure Usage: Clinical and Research Applications. Lutz, Florida: Psychological Assessment Resources, pp. 411-431.
8. Libon, D.J., Freeman, R.Q., Giovannetti, T., Lamar, M., Cloud, B.S., **Stern, R.A.**, & Kaplan, E. (2003). The ROCF and visuoconstructional impairment in cortical and subcortical dementia. In J. Knight & E. Kaplan (Eds.). The Handbook of Rey-Osterrieth Complex Figure Usage: Clinical and Research Applications. Lutz, Florida: Psychological Assessment Resources, pp. 583-596.
9. Boyle, P., Ropacki, S.A.L., & **Stern, R.A.** (2007). Electroconvulsive therapy and coronary artery bypass grafting surgery: Pseudoexperimental paradigms for studying cognitive reserve. In Y. Stern (Ed.). Cognitive Reserve: Theory and Applications. New York: Taylor and Francis, pp. 117-130.
10. Iverson, G.L., Brooks, B.L., White, T., & **Stern, R.A.** (2007). Neuropsychological Assessment Battery (NAB): Introduction and advanced interpretation. In: A.M. Horton (Ed.). The Neuropsychology Handbook (3rd Ed.). New York: Springer, pp. 279-343.
11. **Stern, R.A.**, Daneshvar, D. & Poon, S. (2010). Visual Analogue Mood Scales. In S. Brumfitt (Ed.). Psychological Well-Being in the Person with Acquired Communication Problems. New York: John Wiley & Sons, pp. 116-136.
12. **Stern, R.A.**, Anderson, S. & Gavett, B. (2011). Frontal Systems and Executive Functioning. In A. Budson & N. Kowall (Eds.). The Handbook of Alzheimer's Disease and Other Dementias. New York: Wiley-Blackwell.
13. Stamm, J. & **Stern, R.A.** (in preparation). Chronic Traumatic Encephalopathy. In B.L. Miller & J.L. Cummings (Eds.). The Human Frontal Lobes, 3rd Edition. New York: The Guilford Press.

14. Koerte, I.K., Lin, A., Muehlmann, M., Rauchmann, B., Cooper, K., Mayinger, M., **Stern, R.A.**, & Shenton, M.E. (in press). Post-Traumatic Cognitive Disorders. In S. Kanekar (Ed.) Imaging Of Neurodegenerative Disorders, New York: Thieme Publishers.

Letters

1. Haggerty, J.J. Jr., **Stern, R.A.**, Mason, G., & Prange, A.J. Jr. (1994). In reply to: The prevalence of goiter in psychiatric outpatients suffering from affective disorder [letter]. American Journal of Psychiatry, 151, 454.
2. Tremont, G., & **Stern, R.A.** (2001). Minimizing the cognitive effects of lithium therapy and electroconvulsive therapy using thyroid hormone. Biologine Psichiatrija ir Psichofarmakologija (Lithuanian journal; "Biological Psychiatry and Psychopharmacology"), 3, 5-11.
3. *Montenigro, P.H.* & **Stern, R.A.** (2014). Clinical presentation of chronic traumatic encephalopathy: Author Response. Neurology, 83, 1991-1993.
4. **Stern, R.A.** & Hennessey, J.V. (in press). Comments and Responses: Screening for Thyroid Dysfunction. Annals of Internal Medicine.

Published Abstracts/Proceedings of Meetings*(Past and present students, fellows, and other trainees italicized)*

1. Raymond, P.F., **Stern, R.A.**, Authelet, A.M., & Penny, D. (1987). A comparison of California Verbal Learning Test performance among patients with multiple sclerosis, vascular lesions, and normal controls. Journal of Clinical and Experimental Neuropsychology, 9, 49.
2. **Stern, R.A.** (1988). Mood disorders following stroke. Doctoral Dissertation, University of Rhode Island, Kingston. Abstracted in Dissertation Abstracts International.
3. Raymond, P.A., Authelet, A.M., **Stern, R.A.**, & Penny, D. (1989). Patterns of memory dysfunction in multiple sclerosis. Journal of Clinical and Experimental Neuropsychology, 11, 49.
4. **Stern, R.A.**, & Bachman, D.L. (1989). Dysphoric mood and vegetative disturbance following stroke: Patterns of lesion localization. Journal of Clinical and Experimental Neuropsychology, 11, 97-98.
5. Keenan, P., **Stern, R.A.**, Janowsky, D.S., & Pedersen, C.A. (1990). Verbal learning and affective state in premenstrual syndrome. Journal of Clinical and Experimental Neuropsychology, 12, 76-77.
6. Keenan, P., **Stern, R.A.**, Janowsky, D.S., & Pedersen, C.A. (1990). Cognitive functioning across the menstrual cycle in women with and without premenstrual syndrome. Journal of Clinical and Experimental Neuropsychology, 12, 76.
7. **Stern, R.A.**, Bachman, D.L., Valentino, D.A., & Raymond, P.M. (1990). Aphasia and mood disorders. Journal of Clinical and Experimental Neuropsychology, 12, 32.
8. **Stern, R.A.**, Hooper, C.R., & *Morey, C.E.* (1990). Development of visual analogue scales to measure mood in aphasia. The Clinical Neuropsychologist, 4, 300.
9. **Stern, R.A.**, *Morey, C.E.*, Perry, J.R., McCartney, W.H., Mason, G.A., & Prange, A.J. Jr. (1990). Neuropsychological and psychiatric correlates of hyperthyroidism: Preliminary findings. NeuroEndocrinology Letters, 12, 273.
10. **Stern, R.A.**, Nevels, C.T., Shelhorse, M.E., *Prohaska, M.L.*, Mason, G.A., & Prange, A.J. Jr. (1990). Triiodothyronine potentiation of electroconvulsive therapy: Preliminary findings. NeuroEndocrinology Letters, 12, 362.
11. Girdler, S.S., Pedersen, C.A., **Stern, R.A.**, & Light, K.C. (1991). Menstrual cycle and premenstrual syndrome: Modifiers of cardiovascular reactivity in women. Psychophysiology (Suppl.), 28, S25.
12. Haggerty, J.J. Jr., **Stern, R.A.**, Beckwith, J., *Morey, C.E.*, Mason, G., & Prange, A.J. Jr. (1991). A controlled evaluation of psychiatric and neuropsychological function in subclinical hypothyroidism. Biological Psychiatry, 29, 153A.
13. **Stern, R.A.**, & Bachman, D.L. (1991). Depressive Symptom nach cerebrovaskularem insult [Depressive symptoms following stroke]. Exacta Psychiatrica, 5, 15.
14. **Stern, R.A.**, & Bachman, D.L. (1991). Depressive symptoms following stroke. Digest of Neurology and Psychiatry, Series, 59, 125.
15. **Stern, R.A.**, & Bachman, D.L. (1991). Depressive symptoms following stroke. Focus on Depression, 2, 93-94.
16. **Stern, R.A.**, & Bachman, D.L. (1991). Depressive symptoms following stroke. Psychiatry Digest, 8, 22-23.

17. **Stern, R.A.**, Davidson, E.J., *Singer, N.G.*, Perkins, D.O., *Silva, S.G.*, & Evans, D.L. (1991). The role of vitamin B12 deficiency in the early neurobehavioral impairments seen in asymptomatic HIV seropositive gay men. Biological Psychiatry, 29, 155A-156A.
18. **Stern, R.A.**, Nevels, C.T., Shelhorse, M.E., *Prohaska, M.L.*, & Prange, A.J. Jr. (1991). The effects of combined electroconvulsive therapy and thyroid hormone treatment on verbal memory and depressive symptomatology: Preliminary report. Journal of Clinical and Experimental Neuropsychology, 13, 31.
19. **Stern, R.A.**, Rosenbaum, J., White, R.F., & *Morey, C.E.* (1991). Clinical validation of a visual analogue dysphoria scale for neurologic patients. Journal of Clinical and Experimental Neuropsychology, 13, 106.
20. **Stern, R.A.**, *Singer, N.G.*, *Morey, C.E.*, *Silva, S.G.*, Wilkins, J.W., & Kaplan, E. (1991). A qualitative scoring system for the Rey-Osterrieth Complex Figure. Journal of Clinical and Experimental Neuropsychology, 13, 89.
21. **Stern, R.A.**, *Singer, N.G.*, *Silva, S.G.*, Rogers, H.J., Perkins, D.O., Hall, C.D., van der Horst, C.M., & Evans, D.L. (1991). Motor dysfunction in early asymptomatic HIV infection. Society for Neuroscience Abstracts, 17, 487.13.
22. Evans, D.L., Petitto, J., Leserman, J., Perkins, D.O., **Stern, R.A.**, Folds, J. Ozer, H., Golden, R.N., (1992). Stress, depression and natural killer cells: Potential clinical relevance. Clinical Neuropsychopharmacology, 15, 656A-657A.
23. Haggerty, J.J., **Stern, R.A.**, Mason, G.A., Marquardt, M., & Prange, A.J. Jr. (1992). Subclinical hypothyroidism: recognition, significance, management. Clinical Neuropsychopharmacology, 15, 386A.
24. Pedersen, C.A., **Stern, R.A.**, *Pate, J.*, & Mason, G.A. (1992). Depression history and changes in the adrenal and thyroid axes during the puerperium. Biological Psychiatry, 31, 126A.
25. *Silva, S.G.*, **Stern, R.A.**, Golden, R.N., Davidson, E.J., & Janowsky, D.S. (1992). The effects of physostigmine on behavioral inhibition, cognition, and mood in healthy males. Biological Psychiatry, 31, 111A-112A.
26. *Silva, S.G.*, **Stern, R.A.**, Golden, R.N., Davidson, E.J., Mason, G.A., & Janowsky, D.S. (1992). Physostigmine effects on neuropsychological performance and mood in healthy males. The Clinical Neuropsychologist, 6, 346.
27. **Stern, R.A.**, *Duke, L.M.*, *Pate, J.D.*, *Silva, S.G.*, Bowes, W.A., & Pedersen, C.A. (1992). Neuropsychological correlates of pregnancy and the early postpartum period. The Clinical Neuropsychologist, 6, 349.
28. **Stern, R.A.**, Nevels, C.T., Shelhorse, M.E., *Prohaska, M.L.*, Mason, G.A., & Prange, A.J. Jr. (1992). The use of T3 to enhance the effects of ECT. Clinical Neuropsychopharmacology, 15, 387A-388A.
29. **Stern, R.A.**, *Silva, S.G.*, *Gortner, D.T.*, *Daughtrey, E.W.*, Perkins, D.O., Leserman, J., Hall, C.D., & Evans, D.L. (1992). Neurobehavioral functioning as a predictor of immunosuppression in asymptomatic HIV seropositive gay men. Biological Psychiatry, 31, 238A.
30. Forman, L.M., *Silva, S.G.*, & **Stern, R.A.**, & *Pate, J.* (1993). Bromocriptine augmentation of neuroleptic treatment in schizophrenia. Journal of Neuropsychiatry and Clinical Neurosciences, 5, 453.
31. Pedersen, C.A., Evans, D.L., Ozer, H., Folds, J., *Pate, J.*, Senger, M.A., & **Stern, R.A.** (1993). Natural killer cell activity is decreased in postpartum dysphoria. Biological Psychiatry, 33, 85A.

32. *Silva, S.G., Stern, R.A., Daughtrey, E.W., Perkins, D.O., Leserman, J., & Evans, D.L. (1993). Disrupted mood and information processing speed interactions in asymptomatic HIV-1 seropositive gay men. Journal of Neuropsychiatry and Clinical Neurosciences, 5, 450-451.*
33. *Silva, S.G., Stern, R.A., Steketee, M.C., Daughtrey, E.W., Chaisson, N., & Evans, D.L. (1993). Twelve-month decline in general intellectual ability in asymptomatic HIV-1 seropositive gay men with early neurobehavioral impairments. Clinical Neuropathology, 12, S34.*
34. *Steketee, M.C., Stern, R.A., Silva, S.G., Daughtrey, E.W., Chaisson, N., & Evans, D.L. (1993). Factor and cluster analyses of neuropsychological performance in a sample of asymptomatic HIV-seropositive gay men. Clinical Neuropathology, 12, S34.*
35. *Stern, R.A. Silva, S.G., Daughtrey, E.W., Gortner, D.T., Mason, G.A., & Evans, D.L. (1993). Endocrine correlates of neuropsychological functioning in asymptomatic HIV-1 seropositive gay men. Journal of Clinical and Experimental Neuropsychology, 15, 96.*
36. *Stern, R.A., Silva, S.G., Gortner, D.T., Daughtrey, E.W., Bostancic, F., & Evans, D.L. (1993). Neuropsychological functioning in asymptomatic HIV-1 seropositive gay men: A principal components analysis. Journal of Clinical and Experimental Neuropsychology, 15, 96-97.*
37. *Prohaska, M.L., Stern, R.A., & Prange, A.J. Jr. (1994). The role of thyroid status in the neuropsychological side effects of lithium. Journal of Neuropsychiatry and Clinical Neurosciences, 6, 323.*
38. *Silva, S.G., Stern, R.A., Chaisson, N., Baum, S.F., Perkins, D.O., Golden, R.N., & Evans, D.L. (1994). Apathy and neurobehavioral functioning in asymptomatic HIV-seropositive gay men. Journal of Neuropsychiatry and Clinical Neurosciences, 6, 311.*
39. *Silva, S.G., Stern, R.A., Chaisson, N., Baum, S.F., Singer, E., Golden, R.N., & Evans, D.L. (1994). Stable manual dexterity disturbance in asymptomatic HIV-1 seropositive gay men: A twelve-month follow-up. Biological Psychiatry, 35, 638A.*
40. *Silva, S.G., Stern, R.A., Hall, M.J., & Janowsky, D.S. (1994). Physostigmine: Dissociation of mood and psychomotor effects in healthy males. Biological Psychiatry, 35, 666A*
41. *Stern, R.A., & Bachman, D.L. (1994). Discrepancy between self-report and observer rating of mood in stroke patients: Implications for the differential diagnosis of post-stroke depression. Journal of Neuropsychiatry and Clinical Neurosciences, 6, 319.*
42. *Stern, R.A., Singer, E.A., Duke, L.M., Silva, S.G., Bowes, W., Leshko, I.C., & Pedersen, C. (1994). Neuropsychiatric functioning in women taking oral contraceptives: A preliminary study. Journal of Neuropsychiatry and Clinical Neurosciences, 6, 323.*
43. *Arruda, J.E., Valentino, D., Stern, R.A., & Costa, L. (1995). Confirmatory factor analysis of quantified electroencephalogram measured during a continuous performance test. Journal of the International Neuropsychological Society, 1, 126.*
44. *Prohaska, M.L., Stern, R.A., Mason, G.A., Nevels, C.T., & Prange, A.J. Jr. (1995). Thyroid hormone and lithium-related neuropsychological deficits: A preliminary test of the Lithium-Thyroid Interactive Hypothesis. Journal of the International Neuropsychological Society, 1, 134.*
45. *Silva, S.G., Stern, R.A., Chaisson, N., Singer, E.A., Baum, S.F., Golden, R.N., & Evans, D.L. (1995). The effects of cognitive reserve on neurobehavioral functioning in asymptomatic HIV-seropositive gay men. Journal of the International Neuropsychological Society, 1, 162.*

46. *Silva, S.G., Stern, R.A., Chaisson, N., Singer, E.A., Gaver, V., Watson, J.B., Golden, R.N., & Evans, D.L. (1995). Evidence of mild visuoconstructive impairments in HIV infection using the Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure. Journal of the International Neuropsychological Society, 1, 138.*
47. *Silva, S.G., Stern, R.A., Durr, A.L., Hall, M.J., Davis, S.S., & Haggerty, J.J. Jr. (1995). Neuropsychiatric functioning in subclinical hypothyroidism. Journal of Neuropsychiatry and Clinical Neurosciences, 7, 408.*
48. **Stern, R.A.** (1995). Neuropsychological functioning in hyperthyroidism. The Clinical Neuropsychologist, 9, 296.
49. **Stern, R.A., Singer, E.A., Duke, L.M., Singer, N.G., Morey, C.E., Daughtrey, E.W., & Kaplan, E.** (1995). The Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure: Description and inter-rater reliability. Journal of the International Neuropsychological Society, 1, 357.
50. *Suhr, J.A., Stern, R.A., Leshko, I.C., Singer, E.A., Franco, A., Lee, B., Pacheco, G.M., & Kaplan, E.* (1995). The Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure: Preliminary validity findings. Journal of the International Neuropsychological Society, 1, 125.
51. *Whealin, J.M., Stern, R.A., Mason, G.A., Noonan, L.R., Overstreet, D.H., Silva, S.G., & Prange, A.J. Jr. (1995). Influence of L-triiodothyronine on memory functioning following repeated electroconvulsive shock in rats: Implications for human electroconvulsive therapy. Journal of the International Neuropsychological Society, 1, 382.*
52. *Arruda, J.E., Stern, R.A., Hooper, C.R., Wolfner, G., Somerville, J., & Bishop, D. (1996). Visual Analogue mood scales to measure internal mood state in aphasic patients: Description and initial validity evidence with normal and neurologically impaired subjects. Archives of Clinical Neuropsychology, 11, 364.*
53. *Cahn, D.A., Marcotte, A.C., Stern, R.A., Arruda, J.E., Akshoomoff, N.A., & Leshko, I.C. (1996). Qualitative features of visuoconstructional performance in children with Attention Deficit Hyperactivity Disorder. Archives of Clinical Neuropsychology, 11, 374-375.*
54. *Nyenhuis, D.L., Stern, R.A., Yamamoto, C., Terrien, A., Parmentier, A., Luchetta, T., & Arruda, J.E. (1996). A standardization, further validation and principal component analysis of the Visual Analogue Mood Scales. Journal of the International Neuropsychological Society, 2, 4.*
55. *Silva, S.G., Jackson, E., Chaisson, N., Stern, R.A., Golden, R.N., Petitto, J., & Evans, D.L. (1996). DHEA-S and decline in HIV-1 associated cognitive/motor functioning. Biological Psychiatry, 39, 663.*
56. *Silva, S.G., Stern, R.A., Chaisson, N., Singer, E.A., Baum, S.F., Golden, R.N., & Evans, D.L. (1996). Influence of cognitive reserve on neuropsychological functioning in asymptomatic HIV-seropositive gay men. Journal of Neuro-AIDS, 2, 178.*
57. **Stern, R.A., Arruda, J.E., & Legendre, S.A.** (1996). Assessment of mood state in patients undergoing electroconvulsive therapy: The utility of Visual Analog Mood Scales designed for cognitively-impaired patients. Convulsive Therapy, 12, 74-75.
58. *Arruda, J.E., Stern, R.A., Somerville, J.A., & Bishop, D.S. (1997). Description and initial reliability and validity evidence for the Visual Analogue Mood Scales in a neurologically-impaired patient population. Journal of Neuropsychiatry and Clinical Neurosciences, 9, 152.*
59. *Arruda, J.E., Stern, R.A., Somerville, J.A., Cohen, R., Stein, M.I., & Martin, E.M. (1997). Neurobehavioral functioning in asymptomatic HIV-1 infected women: Preliminary findings. Journal of the International Neuropsychological Society, 3, 14.*

60. *Arruda, J.E., Valentino, D.A., Weiler, M.D., & Stern, R.A. (1997). A further validation of a right hemisphere vigilance system as measured by factor analyzed quantitative electroencephalogram. Journal of Neuropsychiatry and Clinical Neurosciences, 9, 699-700.*
61. *Silva, S.G., Jackson, E.D., Stern, R.A., Leserman, J., Perkins, D.O., Golden, R.N., & Evans, D.L. (1997). Depressed mood and neurocognitive functioning in HIV-1 infection: Relationship to cognitive reserve. Journal of Neuropsychiatry and Clinical Neurosciences, 9, 167.*
62. *Singer Harris, N., Stern, R.A., Marcotte, A.C., Stern, C., Huntzinger, R.M., Somerville, J.A., Holler, K.A., Beetar, J.T., & Wilson, J.M. (1997). Assessment of mood states in children referred for neuropsychological evaluation: The Visual Analog Mood Scales-Children's Version. Journal of Neuropsychiatry and Clinical Neurosciences, 9, 667. (Based on this abstract, Naomi Singer Harris was the recipient of an American Neuropsychiatric Association Young Investigator Award.)*
63. *Stern, R.A., Arruda, J.E., Somerville, J.A., Cohen, R.A., & Boland, R.J. (1997). Neuropsychiatric functioning in asymptomatic HIV-1 infected women. Journal of Neuropsychiatry and Clinical Neurosciences, 9, 147-148.*
64. *Stern, R.A., Robinson, B., Thorner, A.R., Arruda, J.E., Prohaska, M.L., & Prange, A.J. Jr. (1997, February). A survey study of neuropsychiatric complaints in patients with Graves' disease. Psychiatry Digest, 1, 20-22.*
65. *Thompson, G.B., Arruda, J.E., Javorsky, D.J., Dahlen, K., Somerville, J.A., Guilmette, T.J., & Stern, R.A. (1997). The effects of coaching on the detection of malingering using the Abbreviated Hiscock Forced-Choice Procedure. Archives of Clinical Neuropsychology, 12, 414-415.*
66. *Tremont, G., Stern, R.A., Abuelo, D.N., Geffroy, G.A.E., Walsh, A.J., & Salloway, S.P. (1997). Early-onset Alzheimer's dementia in a mentally-retarded adult associated with novel Presenilin-1 mutations. Journal of Neuropsychiatry and Clinical Neurosciences, 9, 697.*
67. *Freeman, R.Q., Carew, T.G., Lamar, M., Cloud, B.S., Resh, R., Stern, R., & Libon, D.J. (1998). Visuoconstructional impairment in dementia. Archives of Clinical Neuropsychology, 13, 40-41.*
68. *Thompson, G.B., Arruda, J.E., Tremont, G., Javorsky, D.J., Somerville, J.A., & Stern, R.A. (1998). Detection of malingering with the Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure. Archives of Clinical Neuropsychology, 13, 98-99.*
69. *Harris, N.S., Bernstein, J.H., Waber, D.P., & R.A. Stern (1999). Comparison of two qualitative scoring systems for the Rey-Osterrieth Complex Figure: The DSS and BQSS. Journal of the International Neuropsychological Society, 5, 120.*
70. *Javorsky, D. & Stern, R.A. (1999). Validity of the Boston Qualitative Scoring System (BQSS) for the Rey-Osterrieth Complex Figure in discriminating between Alzheimer's and vascular dementia. Journal of the International Neuropsychological Society, 5, 120.*
71. *Latham, J.A., Tremont, G., Somerville, J.A., Arruda, J.E., & Stern, R.A. (1999). Assessing internal mood state in dementia: Validation of the Visual Analog Mood Scales. Journal of Neuropsychiatry and Clinical Neurosciences, 11, 148.*
72. *Silva, S.G., Jackson, E.D., Lanning, K.M., Leserman, J., Perkins, D.O., Stern, R.A., Golden, R.N., & Evans, D.L. (1999). Cognitive reserve and HIV-1 disease progression: The differential effects of neurologic versus psychosocial factors. Journal of Neuropsychiatry and Clinical Neurosciences, 11, 162-163.*
73. *Somerville, J.A., Tremont, G., & Stern, R.A. (1999). The Boston Qualitative Scoring System (BQSS) for the Rey-Osterrieth Complex Figure as a Measure of Executive Functioning: A Convergent Validity Study. Journal of the International Neuropsychological Society 5, 118.*

74. *Javorsky, D., Rosenbaum, J., & Stern, R.A. (1999). Utility of the Boston Qualitative Scoring System (BQSS) for the Rey-Osterrieth Complex Figure in the evaluation of traumatic brain injury. Archives of Clinical Neuropsychology, 14, 789-790.*
75. Tremont, G., *Somerville, J.A., & Stern, R.A. (1999). Neuropsychological performance in Graves' hyperthyroidism: Evidence for executive dysfunction. Archives of Clinical Neuropsychology, 14, 652-653.*
76. *Halpert, S., Tremont, G., Javorsky, D., & Stern, R.A. (2000). Differential impact of executive dysfunction on the California Verbal Learning Test and Logical Memory. Journal of the International Neuropsychological Society 6, 138.*
77. *Javorsky, D., Silva, S.G., & Stern, R.A. (2000). Utility of the Boston Qualitative Scoring System (BQSS) in evaluating the Rey-Osterrieth performance of asymptomatic HIV seropositive men. Journal of the International Neuropsychological Society, 6, 232.*
78. Racenstein, J.M., Martin, E.M., Reed, R., Carson, V., Harris, T.E., Pitrak, D., Arruda, J.E., *Somerville, J.A., & Stern, R.A. (2000). Gender differences in spatial working memory in HIV positive individuals. Journal of the International Neuropsychological Society, 6, 135.*
79. *Somerville, J.A., Javorsky, D., Tremont, G., Westervelt, H., & Stern, R.A. (2000). Flow-charts vs. pen-switching: A comparison of administration procedures for the Rey-Osterrieth Complex Figure. Journal of the International Neuropsychological Society, 6, 144.*
80. **Stern, R.A., Legendre, S., Thorner, A., Solomon, D., Tremont, G., Arruda, J.A., Furman, M., Somerville, J.A., & Prange, A.J. Jr. (2000). Exogenous thyroid hormone diminishes the amnestic side effects of electroconvulsive therapy. Journal of the International Neuropsychological Society, 6, 235.**
81. **Stern, R.A. & White, T. (2000). Survey of neuropsychological assessment practices. Journal of the International Neuropsychological Society, 6, 137.**
82. Tremont, G., *Somerville, J.A., Pettibon, W.H., Javorsky, D.J., & Stern, R.A. (2000). A Quick Scoring Guide for the Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure. Journal of the International Neuropsychological Society, 6, 144.*
83. Tremont, G., *Somerville, J.A., Smith, K.E., Hennessey, J.V., Noto, R.V., Jackson, I.M.D., & Stern, R.A. (2000). Cerebral hypoperfusion and neuropsychological deficits in patients with Graves' hyperthyroidism. Archives of Clinical Neuropsychology, 15, 665-666.*
84. *Westervelt, H., Somerville, J.A., Tremont, G., & Stern, R.A. (2000). The impact of organizational strategy on recall of the Rey-Osterrieth Complex Figure. Archives of Clinical Neuropsychology 15, 684.*
85. *Legendre, S.A., Ropacki, M.T., Sourathathone, C.M., Tremont, G., & Stern, R.A. (2001). Comparison of the Hopkins Verbal Learning Test and Randt Short Stories in assessing memory after ECT. Archives of Clinical Neuropsychology, 16, 798.*
86. *Legendre, S.A., Stern, R.A., Solomon, D.A., Furman, M.J., & Smith, K.E. (2001). The influence of cognitive reserve on memory following electroconvulsive therapy. Journal of Neuropsychiatry and Clinical Neurosciences, 13, 133. (Based on this abstract, Susan Legendre was the recipient of an American Neuropsychiatric Association Young Investigator Award.)*
87. *Somerville, J.A., & Stern, R.A. (2001). Effects of length of delay on Rey-Osterrieth Complex Figure Recall. Journal of the International Neuropsychological Society 7, 132.*

88. *Sourathathone, C.M., Legendre, S., Ropacki, M., Westervelt, H., Tremont, G., & Stern, R.A.* (2001). Relationship between verbal fluency measures and the Boston Naming Test (BNT). Archives of Clinical Neuropsychology, *16*, 807-808.
89. *Sourathathone, C.M., Westervelt, H.J., Stern, R.A., & Tremont, G.* (2001). Qualitative analysis of errors on the Paced Auditory Serial Addition Task (PASAT). Journal of Neuropsychiatry and Clinical Neurosciences, *13*, 135.
90. Tremont, G., Westervelt, H., *Podolanczuk, A., Javorsky, D., & Stern, R.A.* (2001). Referring physician's perceptions of the neuropsychological evaluation: How are we doing? Archives of Clinical Neuropsychology, *16*, 808.
91. *Westervelt, H., Tremont, G., Somerville, J., Padolanczuk, A., & Stern, R.A.* (2001). Why are some amnesic patients oriented? Journal of the International Neuropsychological Society, *7*, 133-134.
92. *Rilling, L.M., Tremont, G., Podolanczuk, A., & Stern, R.A.* (2002). The validity and classification accuracy of the Wisconsin Card Sorting Test-64. Journal of the International Neuropsychological Society, *8*, 154.
93. *Williams, K., Cahn-Weiner, D.A., Grace, J., Tremont, G., Westervelt, H., & Stern, R.A.* (2002). Quantitative and qualitative features of clock drawing performance in Alzheimer's disease, Parkinson's disease, and Dementia with Lewy Bodies. Archives of Clinical Neuropsychology, *17*, 737.
94. *Bishop, C., Stern, R., & Javorsky, D.* (2003). Nine-year longitudinal case study of progressive dementia pugilistica. Journal of the International Neuropsychological Society, *9*, 165.
95. *Bishop, C.L., Westervelt, H.J., & Stern, R.A.* (2003). Severe, refractory depression and the development of a buccofacial movement disorder in a patient with vascular dementia secondary to polycythemia vera: A case study. Journal of Neuropsychiatry and Clinical Neurosciences, *15*, 268.
96. *Davis, J.D. & Stern, R.A.* (2003). A case of apparent progressive cognitive decline in an older woman with multiple treated endocrinopathies: Importance of considering endocrine status in diagnosing dementia. Journal of Neuropsychiatry and Clinical Neurosciences, *15*, 268.
97. *Podolanczuk, A., Davis, J.D., Stopa, E., Hennessey, J.V., Luo, L., Lim, Y., & Stern, R.A.* (2003). Thyroid hormone concentrations in prefrontal cortex of post mortem brains of Alzheimer's disease patients and controls. Journal of Neuropsychiatry and Clinical Neurosciences, *15*, 272.
98. **Stern, R., Bender, A., Furman, M., Smith, K., Rogers, B., Browning, R., Raufi, N., & Solomon, D.** (2003). The use of Aricept (Donepezil) in electroconvulsive therapy (ECT). Journal of the International Neuropsychological Society, *9*, 327-328.
99. **Stern, R.A., Davis, J.D., Rogers, B.L., Smith, K.M., Harrington, C.J., Ott, B.R., Prange, A.J. Jr.** (2003). A double-blind study of thyroxine in the treatment of Alzheimer's dementia. Journal of Neuropsychiatry and Clinical Neurosciences, *15*, 272.
100. **Stern, R., Helm-Estabrooks, N., Ruffolo, J., Leitten, C., & White, T.** (2003). The NAB Narrative Writing Test: Description and interrater reliability. Journal of the International Neuropsychological Society, *9*, 242.
101. **Stern, R., Ruffolo, J., Van Meter, A., Leitten, C., & White, T.** (2003). The NAB Figure Drawing Test: Description and interrater reliability. Journal of the International Neuropsychological Society, *9*, 242.
102. **Stern, R., Van Meter, A., Lang, K., Westervelt, H., Leitten, C., Hethcox, A., & White, T.** (2003). The NAB Judgment Test: Description and interrater reliability. Journal of the International Neuropsychological Society, *9*, 241.

103. Tremont, G., *Ruffolo, J., Bender, A., Podolanczuk, A., Hennessey, J., Noto, R., & Stern, R.* (2003). Association between brain SPECT and neuropsychological functioning in Graves' disease. Journal of the International Neuropsychological Society, 9, 299.
104. Westervelt, H.J., **Stern, R.**, & Tremont, G. (2003). Odor identification deficits in Diffuse Lewy Body disease. Journal of the International Neuropsychological Society, 9, 164.
105. *Bishop, C.L., Temple, R.O., Tremont, G., Westervelt, H.J., & Stern, R.A.* (2003). Utility of inpatient neuropsychological consultation in an acute medical hospital. Archives of Clinical Neuropsychology, 18, 793.
106. **Stern, R.A.**, & White, T. (2003). The Neuropsychological Assessment Battery (NAB): Development and psychometric properties. Archives of Clinical Neuropsychology, 18, 805.
107. *Legendre, S.A., Stern, R.A., Bert, A.A., & Rogers, B.L.* (2003). The influence of cognitive reserve on neuropsychological functioning after CABG. Archives of Clinical Neuropsychology, 18, 726. *(Based on this abstract, Susan Legendre was the recipient of a Student Poster Award from the National Academy of Neuropsychology.)*
108. *Temple, R.O., & Stern, R.A.* (2003). Marchiafava-Bignami disease: A case report. Archives of Clinical Neuropsychology 18, 732-733.
109. Tremont, G., Westervelt, H.J., *Davis, J.D., Macaulay, C. & Stern, R.A.* (2003). Effect of the neuropsychological evaluation on self-report of cognitive difficulties in early dementia. Archives of Clinical Neuropsychology, 18, 703-704.
110. *Brown, L.B., Stern, R.A., Cahn-Weiner, D.A., Rogers, B., Davis, M.A., Lannon, M.C., Maxwell, C., Souza, T., White, T., & Ott, B.R.* (2004). Ecological validity of the Neuropsychological Assessment Battery (NAB) Driving Scenes test. Journal of Neuropsychiatry and Clinical Neurosciences, 16, 232-233.
111. Ledbetter, M.F., Davis, M.A., White, T., & **Stern, R.A.** (2004). Reliability of the Neuropsychological Assessment Battery (NAB). Journal of the International Neuropsychological Society, 10(S1), 106.
112. Ledbetter, M.F., White, T., & **Stern, R.A.** (2004). Validity evidence based on the internal structure of the Neuropsychological Assessment Battery (NAB). Journal of the International Neuropsychological Society, 10 (S1), 106.
113. *Macaulay, C., Stern, R.A., & White, T.* (2004). Validity evidence for the Neuropsychological Assessment Battery (NAB): How does the NAB compare to existing tests?. Journal of the International Neuropsychological Society, 10(S1), 106.
114. *Spitznagel, M.B., Tremont, G., Westervelt, H.J. & Stern, R.A.* (2004). Does cognitive reserve play a role in anosognosia in dementia? Journal of the International Neuropsychological Society, 10(S1), 10.
115. **Stern, R.A.** & White, T. (2004). Introduction to the Neuropsychological Assessment Battery (NAB). Journal of the International Neuropsychological Society, 10(S1), 105.
116. **Stern, R.A.**, White, T., & Ledbetter, M.F. (2004). Validity evidence for the Neuropsychological Assessment Battery (NAB): Sensitivity, specificity, and clinical profiles. Journal of the International Neuropsychological Society, 10(S1), 106-107.
117. White, T., Davis, M.A., & **Stern, R.A.** (2004). Standardization and norming of the Neuropsychological Assessment Battery (NAB). Journal of the International Neuropsychological Society, 10(S1), 106.

118. Westervelt, H J, Tremont G, *Spitznagel MB*, Howard JM, & **Stern RA**. (2005). Differential Odor Identification Performance in Dementia Subtypes. Journal of the International Neuropsychological Society, 11(S1), 107.
119. Westervelt, H.J., *Brown, L.B.*, Tremont, G., & **Stern, R.A.** (2005). Patient and family perceptions of the neuropsychological evaluation: How are we doing? Archives of Clinical Neuropsychology, 20, 895.
120. Jefferson, A.L., *Wong, S., Bolen, E., Ozonoff, A., Levenson, S., Green, R.C., & Stern, R.A.* (2006). Cognitive predictors of Hooper Visual Organization Test (HVOT) performance differ between patients with mild cognitive impairment (MCI) and geriatric normal controls (NC). Journal of the International Neuropsychological Society, 12(S1), 115.
121. Jefferson, A.L., *Wong, S., Gracer, T.S., Ozonoff, A., Levenson, S., Green, R.C., & Stern, R.A.* (2006). Geriatric performance on the 30-item even version of the Boston Naming Test (BNT): A comparison of normal controls (NC), mild cognitive impairment (MCI), and Alzheimer's disease (AD). Journal of the International Neuropsychological Society, 12(S1), 26.
122. *Santini, V., Stern, R.A., & Green, R.C.* (2006). Relationship between thyroid status and neuropsychological performance in healthy elderly euthyroid controls. Journal of the International Neuropsychological Society, 12(S1), 144.
123. *Ashendorf, L., Jefferson, A.L., Green, R.C., & Stern, R.A.* (2007). Test-retest consistency of the WRAT-3 Reading Subtest among older adults. Journal of the International Neuropsychological Society, 13(S1), 80.
124. *Ashendorf, L., Jefferson, A.L., Green, R.C., & Stern, R.A.* (2007). Grooved Pegboard Test Performance Among Cognitively Normal Elders and Individuals with MCI. Journal of the International Neuropsychological Society, 13(S1), 105.
125. *Ashendorf, L., O'Connor, M.K., Green, R.C., Jefferson, A.L., & Stern, R.A.* (2007). Utility of Trail Making Test errors in MCI and AD. Journal of the International Neuropsychological Society, 13(S1), 80.
126. *Ashendorf, L., O'Connor, M.K., Green, R.C., Jefferson, A.L., & Stern, R.A.* (2007). Older adult normative data for Trail Making Test errors. Journal of the International Neuropsychological Society, 13(S1), 31.
127. *Gavett, B.E., Barrup, M., Gonzalez, B., Nair, A.K., Green, R.C., Jefferson, A.L., & Stern, R.A.* (2008). Rates of Impaired Episodic Memory on a Modified Logical Memory Test Compared to the CERAD Word Recall Test. Archives of Clinical Neuropsychology, 23, 713.
128. McKee, A., **Stern, R.A.**, *Gavett, B., & Cantu, R.* (2008). The distinct pattern of tau degeneration in dementia pugilistica. Federation of American Societies for Experimental Biology Journal, 22, 173.11.
129. *Gavett, B.E., Stern, R. A., Nowinski, C. J., Cantu, R. C., & McKee, A. C.* (2009). Clinical and Neuropathological Findings in Chronic Traumatic Encephalopathy: A Case Series. Archives of Clinical Neuropsychology, 24, 525.
130. *Lou, K. R., Gavett, B. E., Jefferson, A. L., Nair, A. K., Green R. C., & Stern, R. A.* (2009). Sensitivity and specificity of select Neuropsychological Assessment Battery (NAB) subtests in the diagnosis of Alzheimer's disease. Archives of Clinical Neuropsychology, 24, 439-440.
131. *Pimontel, M., Gavett, B. E., Jefferson, A. L., Nair, A. K., Green, R. C., & Stern, R. A.* (2009). Cognitive assessment of older adults using WAIS-R Digit Symbol: Normative data concerns. Archives of Clinical Neuropsychology, 24, 439.

132. Gavett BE, Kowall NK, Qiu W, Green RC, Jefferson AL, **Stern RA.** (2010, October). Lack of equivalence between the Mini-Mental State Examination (MMSE) and the Clinical Dementia Rating (CDR) in very mild to moderate stage dementia. Archives of Clinical Neuropsychology.
133. Lin A.P., Ramadan, S., Box, H., Stanwell, P. & **Stern, R.A.** Neurochemical Changes in Athletes with Chronic Traumatic Encephalopathy. Paper presented at the Annual Meeting of the Radiological Society of North America; December 1, 2010; Chicago, IL
134. *Feke, G.T., Hyman, B.T., **Stern, R.A.**, & Pasquale, L.R. (2011).* Retinal Blood Flow and Nerve Fiber Layer Thickness in Patients with Mild Cognitive Impairment or Probable Alzheimer's Disease. Poster presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO), May 1-5, 2011, Fort Lauderdale, FL.

Published Tests, Instruments, and Manuals:

1. **Stern, R.A.** (1997). Visual Analog Mood Scales, Psychological Assessment Resources (PAR), Odessa, FL.
2. **Stern, R.A.**, Javorsky, D.J., Singer, E.A., Singer, N.G., Duke, L.M., Somerville, J.A., Thompson, J.A., & Kaplan, E. (1999). Boston Qualitative Scoring System (BQSS) for the Rey-Osterrieth Complex Figure, Psychological Assessment Resources (PAR), Odessa, FL.
3. **Stern, R.A.** & White, T. (2003). Neuropsychological Assessment Battery (NAB), Psychological Assessment Resources (PAR), Lutz, FL.
 In addition to the entire battery, the following individual tests and modules are available from the publisher:
 - NAB Screening Module
 - NAB Attention Module
 - NAB Language Module
 - NAB Memory Module
 - NAB Spatial Module
 - NAB Executive Functions Module
 - NAB Auditory Comprehension Test
 - NAB Categories Test
 - NAB Design Construction Test
 - NAB Digits Forward/Digits Backward Test
 - NAB Mazes Test
 - NAB Naming Test
 - NAB Numbers and Letters Test
 - NAB Orientation Test
 - NAB Visual Discrimination Test
 - NAB Writing Test
4. **Stern, R.A.** & White, T. (2003). NAB Administration, Scoring, and Interpretation Manual, Psychological Assessment Resources (PAR), Lutz, FL.
5. White, T. & **Stern, R.A.** (2003). NAB Psychometric and Technical Manual, Psychological Assessment Resources (PAR), Lutz, FL.
6. White, T. & **Stern, R.A.** (2003). NAB Demographically Corrected Norms Manual, Psychological Assessment Resources (PAR), Lutz, FL.
7. White, T. & **Stern, R.A.** (2003). NAB U.S. Census-Matched Norms Manual, Psychological Assessment Resources (PAR), Lutz, FL.
8. Mohyde, M., Tracton-Bishop, B., Coughlin, J. D'Ambrosio, L., & **Stern, R.A.** (2007). At the Crossroads: The Support Group Kit on Alzheimer's Disease, Dementia & Driving. The Hartford, Hartford, CT.
 The kit was developed collaboratively by BU School of Medicine, MIT AgeLab, The Hartford Financial Services Group the three organizations, based on materials developed for a research study (**PI R. Stern**) of dementia caregivers and driving. Other major contributors include from the MIT AgeLab. The support group kit was the recipient of a *Today's Caregiver* Magazine's "2011 Caregiver Friendly" Award.

Yolanda Sherman

From: ecf-notice@mnd.uscourts.gov
Sent: Monday, February 06, 2017 4:00 PM
To: mndecfnofications@mnd.uscourts.gov
Subject: Activity in Case 0:14-md-02551-SRN-JSM IN RE: National Hockey League Players' Concussion Injury Litigation Affidavit

This is an automatic e-mail message generated by the CM/ECF system. Please DO NOT RESPOND to this e-mail because the mail box is unattended.

*****NOTE TO PUBLIC ACCESS USERS***** Judicial Conference of the United States policy permits attorneys of record and parties in a case (including pro se litigants) to receive one free electronic copy of all documents filed electronically, if receipt is required by law or directed by the filer. PACER access fees apply to all other users. To avoid later charges, download a copy of each document during this first viewing. However, if the referenced document is a transcript, the free copy and 30 page limit do not apply.

U.S. District Court

U.S. District of Minnesota

Notice of Electronic Filing

The following transaction was entered by Elswit, Lawrence on 2/6/2017 at 3:00 PM CST and filed on 2/6/2017

Case Name: IN RE: National Hockey League Players' Concussion Injury Litigation

Case Number: [0:14-md-02551-SRN-JSM](#)

Filer: Trustees of Boston University/CTE Center

Document Number: [683](#)

Docket Text:

[AFFIDAVIT of Robert A. Stern re \[680\] Memorandum in Opposition to Motion, by Trustees of Boston University/CTE Center. \(Attachments: # \(1\) Exhibit\(s\)\)\(Elswit, Lawrence\)](#)

0:14-md-02551-SRN-JSM Notice has been electronically mailed to:

Aaron D Van Oort aaron.vanoort@faegrebd.com, deb.schuna@faegrebd.com

Adam M. Lupion alupion@proskauer.com

Andrew G. Slutkin ASlutkin@MdAttorney.com

Andrew T Rees arees@rgrdlaw.com, e_file_fl@rgrdlaw.com, e_file_sd@rgrdlaw.com

Arun S Subramanian asubramanian@susmangodfrey.com

Bradley C Buhrow brad.buhrow@zimmreed.com, stacy.bethea@zimmreed.com

Brian C Gudmundson brian.gudmundson@zimmreed.com, heidi.cuppy@zimmreed.com,
leslie.harms@zimmreed.com

Brian D Penny penny@lawgsp.com, mummert@lawgsp.com

Brian P Murray bmurray@glancylaw.com

Bryan L Bleichner bbleichner@chestnutcambronne.com, dproulx@chestnutcambronne.com

Charles J LaDuca charlesl@cuneolaw.com, brendant@cuneolaw.com

Charles S Zimmerman charles.zimmerman@zimmreed.com, Jacqueline.Olson@zimmreed.com,
Jenifer.Watson@zimmreed.com, Tina.Olson@zimmreed.com

Christine B Cesare cbcesare@bryancave.com

Christopher J Schmidt cjschmidt@bryancave.com, ekrulo@bryancave.com

Christopher P Renz crenz@chestnutcambronne.com, jheckman@chestnutcambronne.com

Clifford H Pearson cpearson@pswlaw.com

Cullin A O'Brien cobrien@rgrdlaw.com

Daniel E Gustafson dgustafson@gustafsongluek.com, mmorgan@gustafsongluek.com

Daniel J Connolly daniel.connolly@faegrebd.com, darcy.boehme@faegrebd.com

Daniel L Warshaw dwarshaw@pswlaw.com, egrant@pswlaw.com, mwilliams@pswlaw.com

David Newmann david.newmann@hoganlovells.com

David A Goodwin dgoodwin@gustafsongluek.com

David A Rosenfeld drosenfeld@rgrdlaw.com, dmyers@rgrdlaw.com

David I Levine agentdl@bellsouth.net, jcohen@thecohenlawfirm.net

David M Cialkowski david.cialkowski@zimmreed.com, heidi.cuppy@zimmreed.com

Geoffrey M. Wyatt geoffrey.wyatt@skadden.com

Hart L Robinovitch hart.robinovitch@zimmreed.com, sabine.king@zimmreed.com,
stacy.bethea@zimmreed.com

Howard B Miller hmiller@girardikeese.com

J Scott Andresen scotta@bassford.com, mmooney@bassford.com, receptionist@bassford.com

James A. Keyte james.keyte@skadden.com

James W Anderson janderson@heinsmills.com, ikovarik@heinsmills.com

Janine D Arno jarno@rgrdlaw.com

Jeffrey D Bores jbores@chestnutcambronne.com, dproulx@chestnutcambronne.com

Jeffrey D. Klobucar jklobucar@bassford.com, mmooney@bassford.com

Jessica D Miller jessica.miller@skadden.com

John Zaremba jzaremba@zbblaw.com

John Herbert Beisner john.beisner@skadden.com

Jonathan B Potts jonathan.potts@bryancave.com, clbelleville@bryancave.com

Joseph Baumgarten jbaumgarten@proskauer.com

Joseph F. Murphy josephmurphy@mdattorney.com

Joseph M Price joseph.price@faegrebd.com, megan.froelke@FaegreBD.com

Joshua J Rissman jrissman@gustafsongluek.com

Katelyn I Geoffrion kdg@corboydemetrio.com, agonzalez@corboydemetrio.com,
sdudak@corboydemetrio.com

Katherine C Bischoff kbischoff@zelle.com, agarberson@zelle.com

Kathleen L Douglas kdouglas@rgrdlaw.com, e_file_fl@rgrdlaw.com, e_file_sd@rgrdlaw.com

Kenneth J Mallin kjmallin@bryancave.com

Lawrence Elswit lelswit@bu.edu

Lawrence G Scarborough lgscarborough@bryancave.com, mavilla@bryancave.com

Lee Albert lalbert@glancylaw.com

Leonard B. Simon lsimon@rgrdlaw.com, tdevries@rgrdlaw.com

Lewis A Remele , Jr lewr@bassford.com, lremele@bassford.com, docket@bassford.com,
mbordian@bassford.com

Linda S Svitak linda.svitak@faegrebd.com, christine.kain@faegrebd.com, darcy.boehme@faegrebd.com,
joe.winebrenner@FaegreBD.com, susan.schreiner@faegrebd.com

Lionel Z Glancy info@glancylaw.com

Mario Alba , Jr malba@rgrdlaw.com, e_file_sd@rgrdlaw.com

Mark J. Dearman mdearman@rgrdlaw.com, e_file_fl@rgrdlaw.com, e_file_sd@rgrdlaw.com

Mark R Anfinson mranfinson@lawyersofminnesota.com, debmauer@q.com

Mark S Goldman goldman@gsk-law.com

Matthew Stein matthew.stein@skadden.com

Matthew Michael Martino matthew.martino@skadden.com, alissa.turnipseed@skadden.com,
matthew.lisagar@skadden.com, michael.menitove@skadden.com

Michael H Menitove michael.menitove@skadden.com

Michael Harrison Pearson mpearson@pswlaw.com

Michael J Flannery mflannery@cuneolaw.com

Michael R Cashman mcashman@hjlawfirm.com, lharris@hjlawfirm.com

Peter H Walsh peter.walsh@hoganlovells.com, sharon.mcmahon@hoganlovells.com,
stephen.loney@hoganlovells.com

Rebecca A. Peterson rapeterson@locklaw.com

Richard M. Hagstrom rhagstrom@hjlawfirm.com, mmetfessel@hjlawfirm.com

Richard R Gordon richard.gordon@gordonlawchicago.com

Robert K Shelquist rkshelquist@locklaw.com, aanewfield@locklaw.com, brgilles@locklaw.com,
kjeroy@locklaw.com

Robert M Rothman RRothman@lerachlaw.com

Samuel H Rudman srudman@rgrdlaw.com, e_file_ny@rgrdlaw.com, e_file_sd@rgrdlaw.com

Shawn D Stuckey stuckey@allsportslaw.com

Shawn M Raiter sraiter@larsonking.com, lburks@larsonking.com

Shepard Goldfein shepard.goldfein@skadden.com

Stephen Allen Loney , Jr stephen.loney@hoganlovells.com

Stephen G. Grygiel sgrygiel@mdattorney.com, cgoldsmith@mdattorney.com

Steve W Gaskins sgaskins@gaskinsbennett.com, jtakata@gaskinsbennett.com

Steven D. Silverman ssilverman@mdattorney.com

Stuart A Davidson sdavidson@rgrdlaw.com, e_file_fl@rgrdlaw.com, e_file_sd@rgrdlaw.com,
jdennis@rgrdlaw.com

Thomas A Demetrio tad@corboydemetrio.com

Thomas Joseph Byrne tbyrne@nbolaw.com

Timothy J Hasken tim.hasken@bryancave.com, timothy.howard@bryancave.com

Vincent J Esades vesades@heinsmills.com, ikovarik@heinsmills.com, lgehrking@heinsmills.com

W Joseph Bruckner wjbruckner@locklaw.com, ctevens@locklaw.com, emsipe@locklaw.com,
hnpotteiger@locklaw.com, sljuell@locklaw.com

William Christopher Carmody bcarmody@susmangodfrey.com

William N. Sinclair bsinclair@mdattorney.com

William T Gibbs wtg@corboydemetrio.com, agonzalez@corboydemetrio.com,
mbrophy@corboydemetrio.com, sdudak@corboydemetrio.com

Wm Dane DeKrey dane.dekrey@zimmreed.com

0:14-md-02551-SRN-JSM Notice has been delivered by other means to:

The following document(s) are associated with this transaction:

Document description:Main Document

Original filename:n/a

Electronic document Stamp:

[STAMP dcecfStamp_ID=1051215216 [Date=2/6/2017] [FileNumber=5837538-0]
[572cc3be6f475af4ad1dab174e935bb0b79334f7580dce98658b556df986fe3a4023
be5641f6a8006d7f4cf8e4c29ddccbb8a0682b94746fe128a6ba4d20cc91]]

Document description:Exhibit(s)

Original filename:n/a

Electronic document Stamp:

[STAMP dcecfStamp_ID=1051215216 [Date=2/6/2017] [FileNumber=5837538-1]
[227994bec32112c0aade295f2178cb889a522aaf266b383272760864479ecb2d0746
4af73282b797405f82e73accf8847893b68053cb52471fbf0812ab930021]]